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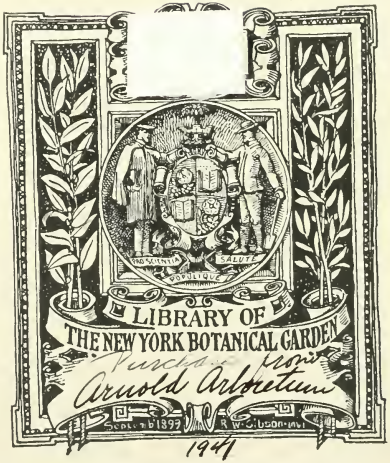

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO AND NEW YORK, NOVEMBER 29, 1900. No. 157.

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I am prepared to make you prices on the following decorative stock: Southern Wild Smilax, Holly, Chamærop Palms and Crowns, Long Needle Pines. All goods are shipped out at market price. Let me book your orders now for Christmas. I will treat you right. Cash with order or C. O. D. Address all orders to

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MISCELLANEOUS SEASONABLE HINTS.

Roses.

Crimson Rambler roses that have been potted two or three weeks will be getting hold of the soil and will not need the syringing that was necessary when first lifted. Keep them as cool as possible till the middle of December, when they can be put into a night temperature of 50 degrees and slowly started. They need very little pruning; just the unripened ends of the shoots, and if there are any lateral growths on the strong canes cut them back to two or three eyes.

I am by no means discouraged with the method of growing them in pots all summer from cut back dormant stock started in April, and last Easter had a number of well-flowered, medium-sized plants grown in this way. This year they did not make as good a growth in early summer because they were neglected in June and attacked by mildew. That is nothing against the method, but it shows what neglect will do. However, lifting the plants from the field is much the least expensive plan because you escape the long summer's care.

Brunners, Jacks or any of the hybrid perpetuals that have been grown in pots for forcing should now be laid on their sides to escape any more moisture. If laid down in a frame with glass over them, all the better. We have usually had a few hundred American Beauty in pots for Easter, and there is no other rose its equal for this purpose. We lift them from the bench in early November (strong plants that were put on the bench in April), cut them down to within six or eight inches of the bench and pot them in 6-inch pots, place in a cold-frame, where they stay till New Year's or a little later, according to the date of Easter. I have written of my method of doing this before and the reason for bringing it up just now is to tell you that although American Beauty belongs to the H. P. class and is quite hardy in our cold winters you must not let these plants in pots that have made very few or no roots be exposed to much frost. They will not stand it, particularly if the soil is dry. They have been all right in a frame up till now, but after this must be well protected or in a house that is kept just above freezing.

There is no rose that makes such a fine pot plant for Easter as American Beauty. Every eye sends up a flower and with stems 12 to 15 inches long. I know of some who have tried to do this and failed. They lifted them in early November, left them 18 inches tall and put them in a greenhouse. That won't do. They must be cut back hard and kept very cool till starting time. You can force them into flower in two months, but three months is much better, beginning at 45 degrees and finishing at 55 degrees, then the color will be fine and the plants sturdy.

Carnations.

Some people are so stubborn and knowing, that they will learn from no one; others are too ready to adopt any plan that is advocated. The writer, I hope, belongs to neither class, but is a little inclined to attach too much importance to the views of men who set themselves up as authorities.

For instance, we have heard specialists in carnations with two years' experience in gardening say that carnations should be rooted without bottom heat, and we heard it so often that our 25 years' experience to the contrary we adopted it and for five years past have been rooting them in three inches of sand on the board benches of a carnation house. We are tired of it. It is too slow and some varieties will hardly root at all unless the sand is warmer than the house. So this fall we took up the boards and put in their place roofing slates 18 by 12 inches. Beneath the bench are six 1½-inch hot water pipes, and we boarded up the bench back and front, leaving a board on the path side hinged so we could let the heat into the house and avoid so much in the sand. This is precisely the kind of propagating bed we rooted carnations in for 25 years, and where we used to put in 1,000 cuttings of old La Purite and take out 1,017. As long as the house is cool no harm at all is done by having the sand at 65 to 70 degrees. In this bed the carnations will root in 20 to 25 days; in the cool sand it takes 35 to 40 days, and with some varieties more if they root at all. You may think there are a good many pipes, but the bench is 3 feet wide and the pipes are spread and 18 inches below the slates.

On many places it pays well to have a good batch of carnations for flowering in July, August and September out of doors. You get very little from inside during those months. For this purpose you should propagate at once so that you have well branched plants in 3-inch pots to plant out next April. There are so many new kinds untried for this purpose that I would rather depend upon the older varieties. But the trouble is you have perhaps discarded some varieties that gave excellent results in the field. Portia, that became useless in winter, gives you fine flowers outside. For a white, Evelina is grand. Daybreak is first-class. Scott will give you thousands of flowers. We can judge from the habit of some of the newer kinds and I am sure that Crane will be a dandy for the purpose, and of the new pinks Genevieve Lord has just the habit.

Rust has about disappeared with us. I hope it has everywhere. I am sure it was not from syringing the plants with Bordeaux or any other mixture, but for several years we have always kept a tub of "ammoniacal copper carbonate" very near the propagating bench, in which we immersed the handful of cuttings for a second or two just before we put them in the sand. And we do the same just before they are potted. We believe this is an excellent plan and shall continue it. In a cool house the sand is seldom troubled with the fungus that carries off thousands of cuttings in a warm house, but as a preventive, between batches of cuttings we always water the sand with this mixture.

WILLIAM SCOTT.

Group of Crotons shown at the Chicago Exhibition by M. Luetschg, gardener to F. R. Chandler, Lake Geneva, Wis.

CROTONS.

We present herewith an engraving from a photograph of a group of crotons shown by Melchior Luetschg, gardener to F. R. Chandler, Lake Geneva, Wis., at the recent Chicago exhibition. These plants attracted a good deal of attention, not only because they were in good condition but even more on account of the fact that they had been bedded out all summer and lifted and potted in the fall.

Mr. Luetschg accomplished this with-

out losing the leaves by cutting the roots back severely when potting the plants after lifting, keeping shaded for a few days, giving a temperature of not less than 70 degrees at night, syringing at least twice a day and maintaining a very moist atmosphere, thus inducing a quick, healthy growth of new roots. With this treatment no leaves were lost and the plants were in condition to show at the exhibition early in November.

Mr. Luetschg believes that the croton merits more attention as a summer bedder, and considers it a most desirable subject to give a tropical effect in the home grounds.

Carrieri has been especially good with him, being the hardiest of all, growing fast and symmetrically and showing the color to good advantage. Other varieties that he has been successful with are Andreana, Baron Joseph Rothschild, Baron James Rothschild, Baron Alphonse Rothschild, Aureum, Dayspring, Disraeli, Evansianum, Lady Zetland, Queen Victoria and Veitchii. He has no doubt that many other sorts would prove equally desirable.

CARNATION NOTES.

Temperature.

These past few weeks have been extremely hard on carnations. We have had all kinds of weather you could ask for. Cold, hot, sunny and rainy; mostly rainy during the past few days.

Carnations like, above all things, a steady, uniform temperature, and it keeps one guessing just how to handle them so as to keep them in such condition that they will not suffer too much from any kind of a change. This is perhaps the hardest part of the whole season for the growers. During this dark weather they are inclined to make a soft growth, so keep them a little on the dry side until we get more sun again. Give all the air you can on all occasions. Keep the steam around and open the ventilators rather than have a stuffy, close atmosphere. It will do no harm to keep them up to 55 degrees at night if you keep the ventilators up an inch or two. The more air the better, as long as the temperature does not fall below 50 degrees at night and about 60 degrees during the day. When the sun does come out again your carnations will not wilt down flat if you keep them hardened up. You can also give more water without causing a soft growth.

Forcing.

Christmas is not far off, and if any of your carnations need any forcing it would be best to begin at once. Raise the temperature a few degrees this week and a few degrees next week, until you have them about 55 degrees, and then do not allow it to vary either up or down until you are through foreing them, when you can reduce the temperature gradually. Do not go over a 55 degree night temperature if you want to keep the stems strong and the plants in good health. I do not believe in foreing carnations much at this time, and especially should we avoid sudden changes. Of course we hate to be caught with our carnations off crop during the holidays, but the few dollars you could gain then you would lose over and over again afterward by weakening your plants so that they cannot produce first grade blooms.

Tying.

If you have not tied up all your carnation plants, do so at once. Your blooms will not command a fair price, even at Christmas, if the stems are not straight and strong. A good straight stem is as essential as a good bloom. There are many ways of supporting carnations and nearly every grower has his own idea about how it should be done. We like the following method: Stretch No. 18 wire lengthwise of the bench between the rows, one wire to each row of plants, and then tie strings crosswise, two strings to each row; tie the string to each outside wire and wrap around each wire between. This makes a square for each plant and leaves a space between each plant for air, etc. Make the first mesh about 6 inches above the ground and then put another mesh about 8 to 10 inches above the first one. The lower one is to hold the plant and the top one the stems, and sometimes we find it necessary to add a third mesh for tall varieties like White Cloud. Stretch the long wires as tight as possible and put cross wires under them about every fifteen feet to keep them from sagging. Get all the weeds out and do all necessary cleaning before you put on the mesh.

Mulching.

If you planted as early as Aug. 20 the plants will likely be benefited by a light mulch of well-rotted manure. But don't do it unless the roots have taken a good hold on the soil. Plants benched later than the above date will be better without for some time yet. It makes little difference whether it is cow manure or from the stable, as long as it is well rotted. Put it on about a half inch thick, which is plenty this time of year. A heavy mulch put on now would keep the soil from drying out and make it sour, while the light mulch will soon wash into the soil and then you can change the food and put on another light mulch. Mulching, like liquid feeding, should not be made too strong at this time of year, but applied in weak but frequent doses.

If you can mulch them before you tie them up it will save some time, but get them tied up as soon as possible.

A. F. J. Baur.

DISEASED CARNATIONS.

Will you tell me what to do to a bench of carnations the plants in which are spotting like sample enclosed? They were planted early and have had good care. J. W. H.

The sample leaves show a bad ease of bacteria, and that it is hereditary is indicated by the fact that the plants have had good treatment. I would suggest picking off the affected leaves. It is quite likely that the new growth will show little if any signs of the trouble. I would not take any cuttings from the plants showing the least sign of the disease. The cuttings will sometimes look all right but if you use them you will be almost certain to have the same trouble again next year.

James Hartshorne.

CARNATION GUARDIAN ANGEL.

We present herewith an engraving from a photograph of a vase of the new carnation, Guardian Angel, a pink sport from Armazindy, that originated in the greenhouses of the Guardian Angel Orphan Asylum, Chicago, where N. A. Schmitz is gardener. It is a pretty shade of pink, and, possessing the free flowering qualities of Armazindy, should prove useful. At the recent Chicago show the vase illustrated took first prize in the class for any other pink carnation not lighter in color than Scott. The variety will, we understand, be introduced later.

ROSE NOTES.

The continuous cloudy and stormy weather has caused the grower much worry. Stock is getting soft and the roses are beginning to show the result of the unfavorable weather by the pale color. By no means try to make up for the missing sunshine by keeping the houses closed and giving extra fire heat. If you do this you will soon be obliged to support each rose with an extra stake or wire to help the weak neck hold up the flower. You will also considerably diminish the cut of blooms for the whole season by encouraging a soft and spindling growth which in turn will produce small and weak stemmed flowers, together with lots of blind wood.

Keep the houses on the dry side and get as much air as possible, even at night. Guide the inside temperature somewhat by that outside and at all times have the atmosphere in a good and healthy condition for yourself, so that you can draw a long breath and still feel at ease. This condition is best for the roses as well as for yourself. When entering your houses in the morning, or even during the day, you may have noticed a depressing effect in the atmosphere, giving you a suggestion of asthma. The thermometer may register only 59 to 60 degrees; you begin your work and soon get used to the dead air just as you do when you go into a smoking room, but it would have been far healthier for you and the plants had you given just a little air. We cannot keep our roses in a healthy condition and have good colored flowers without the necessary fresh air. Draughts should, of course, be avoided. If ventilation is closely attended to you will have a great deal less trouble from greenfly and mildew.

Tying and disbudding should never be neglected. If you wait till the bud is about ready to cut the benefit is almost wholly lost. Disbudding is of the greatest importance, as it not only helps the development of the flower but is a benefit to the stem also. M. Stauch.

BRIDESMAID AND BEAUTY.

Replying to T. M., the sport from Mermet, so well known as the Bridesmaid, originated with Mr. Frank L. Moore, Chatham, N. J. It was first named The Hugh, and Mr. Moore made no special effort to introduce it, as the Waban, another sport from Mermet and almost identical in color with The Hugh, was being introduced by other parties. The Waban, however, did not prove a good commercial rose away from the establishment of the originator and The Hugh was then rechristened the Bridesmaid and introduced.

Probably no other rose has been so largely grown for cut flowers in America as The Bridesmaid. Its parent, Catherine Mermet, was at one time very largely grown for cut flowers but for this purpose has now been universally abandoned. As is well known, The Bride was also a sport from Mermet. This sport originated with Mr. James

Taplin, Maywood, N. J., who sold it to John N. May, Summit, N. J., by whom it was introduced. Niphetos and Cornelia Cook were the white tea roses depended upon before the advent of The Bride.

The story of the American Beauty has been several times published in the trade press. Briefly: An unlabeled rose in the collection of Geo. Bancroft, the historian, Washington, D. C., was purchased by Field Bros., florists, of that city, who, believing it to be an unnamed rose, christened it American Beauty. Plants were later sent to France and the French rosarians at once recognized it as Mme. Ferdinand Jamain, a rose that had been introduced some years before by a French grower, but soon discarded. It is said to be a poor flower with the French rosarians and its popularity in America has been a surprise to them.

ROSE TEMPERATURES.

Replying to C. O., would say that 50 degrees is entirely too low a night temperature for roses. It should be 56 to 58 degrees for Bridesmaid, and do not allow it to rise too rapidly in the morning.

Perle should have a slightly higher temperature, say 62 degrees, and Kaiserin does best at 60 degrees. Maintaining an even temperature is a very important point in the production of high grade roses.

Perle should have a lighter soil than other roses. Perles in a heavy soil are much more apt to produce bull-heads.

M. A. C.

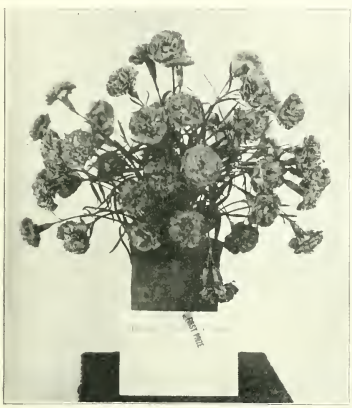
THE METEOR ROSE.

Some growers still fail to get the best results in growing Meteor and some of the blooms seen in the market are far from creditable.

There is a good deal more in growing the Meteor than merely giving it a higher temperature. To produce first-class blooms Meteor must be planted in a heavy loam and one part manure to three parts soil is none too rich. We feed with liquid, but do not begin this until about Jan. 1. We give Meteor more water and syringing than other roses. In fact, this is essential in view of the higher temperature.

As to temperature we find 65 to 68 degrees at night and 70 to 85 degrees in the daytime, when the sun is shining, about right.

M. A. C.



New Pink Carnation Guardian Angel.

AWAY FROM HOME.

Queens, N. Y.

It is quite a step from Flatbush to the home of Governor Roosevelt. I don't mean His Excellency; I mean the home of the well-known carnation. But when you have Mr. Paul Dailledouze to guide you, any place on Long Island is easily found. We were fortunate enough to find Mr. C. W. Ward just bidding good-bye to some visitors, and when he saw us he knew he was in for another trudge around his large establishment. If you want to see sub-watering carried out extensively, here you can see it. Being asked what he thought of it, Mr. Ward said he would rather wait a while. If there is anything in this system Mr. Ward's place should prove it, for it is done there scientifically. One thing Mr. Ward admits which is rather disappointing, and that is that watering must be done more carefully with the sub-watering system than with the ordinary method of culture. If I am allowed to advance an opinion, I believe that it will never be much practiced. If there is any advantage in it it will be during April, May and June that the system will be of most benefit.

I saw there two houses of Glory de Lorraine begonia. If I had not seen perhaps the best in the country earlier I would have called them very fine, and they are good. The carnation that impressed me most was Gov. Roosevelt, looking very fine. Morning Glory is a beauty and a variety that we shall all have to grow. This place has been described often and I can only add that everything is in first-class order. I was sorry to hear Mr. Ward complain so much of the stem rot. What troubles both Mr. Dailledouze and Mr. Ward is that they know of no cure for it. In some varieties it is very serious; with others not so bad. They all agree that it is a fungus that attacks the plant in the field and they succumb to it after removing to the houses.

Carnations are not the only thing to be seen here. Mr. Ward is away to the front in zonal geraniums and pelargoniums. His collection of zonals is very complete and anything new is bought or imported. Amongst geraniums that pleased me very much I noticed Madame Landray, a beautiful apricot; Marvel, an improvement on the well-known S. A. Nutt; Richelieu is also said to be better than Nutt; Pasteur is better and brighter than Alphonse Ricard; John Doyle is also of the style of Ricard, but still better; Rene Bazin is a deep salmon; M. de Castelaine is a fine amaranthe; Eulalia is Mr. Ward's best white; Madame Barney is a pure pink; Le Soliel is of the same style as old Raspail, but much better, and being a newer variety is, of course, healthy; Jean Viaud is a pure pink Poitevine. All of the above are semi-double. In single varieties S. Chauteaubriand can be described as a dwarf Atkinson; Madame Charlotte is a dwarf improved Poitevine; George Sands is a white dotted with pink, said to be an excellent pot plant; Grand Villa, a carmine penciled white; Hall Caine is a scarlet cerise, an immense flower; Andrew Lang is a very fine scarlet with white center, said to be an excellent bedding variety; Barbara Hope, a beautiful peach bloom pink, very large round flower; Mrs. Charles Pierson is a grand salmon. These single geraniums are not generally used for bedding, but that is sometimes a mistake, as what finer bedder have we today than the old single General Grant? Most of them make magnificent plants for the conservatory.

Mr. Ward has a great collection of ivy leaved geraniums. He speaks very highly of Leopold, pink with a crimson spot; Mrs. F. G. Day, a grand scarlet; and Bride, a pure white. Amongst geraniums there is a great curiosity to be seen here. It is a cross between Madame Salleroi, the little dwarf, compact, variegated bedding geranium, and S. A. Nutt, the well-known semi-double. The foliage partakes very strongly of the Salleroi, while the truss of flowers is almost identical with the Nutt. I believe there is a place for this very distinct variety, not as an edge plant but as a solid bed of itself. The darkness came over us before we could have a look at the acres of cannas which are grown there, but we had a thorough look at everything under glass. Mr. Ward is an enthusiast in everything he enters into and his place is well worth a visit.

New Rochelle, N. Y.

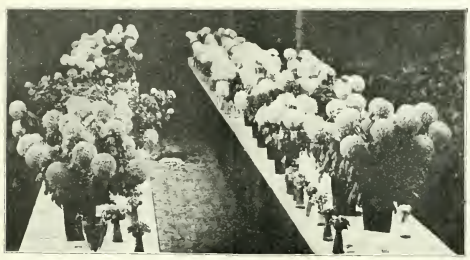
My next jump was to the immense establishment of Siebrecht & Sons, New Rochelle. The quantity of palms grown here is prodigious. "How many kentias do you think you have, Mr. Siebrecht?" And Mr. Siebrecht, junior, answered: "We have something in the neighborhood of three millions." Just fancy that quantity. That, of course, includes

plants in seed boxes. Some long, broad new houses recently erected are filled with splendid plants. But palms are not the only thing to be seen at New Rochelle. There is no end to orchids, cypripediums, dendrobiums and cattleyas. One house of palms particularly worth notice was a house 280 feet by 32 feet, all filled with Kentia Belmoreana, and every plant perfect and from four to five feet tall.

I was very much interested to look over the nurseries. They are taking on land and turning it into nurseries as fast as they can. Here is to be seen a me that all of their conifers will be regularly transplanted every two years. If they keep that up you can depend upon what you buy growing. Among herbaceous plants I noticed Rudbeckia purpurea, which is a very strong growing plant with a large showy flower. Their cannas are not yet touched with frost and I thought Duke of Marlboro, a bright scarlet, was very desirable, as was Crimson Bedder, a fine dwarf variety.

Along the Hudson.

On my homeward journey upon the



Some Big Blooms at the Tarrytown, N. Y., Show. Col. D. Appleton in the Foreground.

splendid collection of conifers of all the leading hardy species. Particularly I noticed some grand plants of Picea pungens, also an immense lot of specimen Austrian pine. Here, as well as at some other places, I was much impressed with the beauty of Rosa rugosa. Every one knows this plant, but it seems to me that it is not nearly as much used as it might be. What hardy shrub is there to compare with it? There it was, in the middle of October, with its beautiful flowers and at the same time covered with its brilliant fruit.

A man does not need to have much riches besides the pleasure of living at such a beautiful place as New Rochelle. Young Mr. Siebrecht drove me through the town and pointed out several authors and actors who made their home in this beautiful locality. He also pointed out to me the resting place of Thomas Paine, the great free thinker. I took off my hat as I passed, as lots of others have done. Thomas was seventy-five years ahead of his time; that was all that was the matter with him. From beautiful Rochelle to the swamps of New Jersey is quite a change. A street car ride from Hoboken to Carlton Hill is anything but picturesque, but after a few weary miles you begin to ascend the hill and then it is very pleasant.

Rutherford, N. J.

I went to see that young and thrifty firm, Bobbink & Atkins. They are quite new but have made great strides for so young a firm. It is principally nurseries they have to show you. I thought a great deal of their cellars for storing half hardy plants and nursery stock. I think they are admirable. Their whole place is full of most desirable young stock and they have the land to increase. This firm understands how necessary it is to transplant. They told

beautiful Hudson I, of course, stopped at Tarrytown to see Mr. Frank R. Pierson. His Tarrytown place is not as large as the reputation of the firm, but it is full of good stuff and he has one jewel there which I am not allowed to say anything about. Not even can I tell you whether it is a rose, a palm, or a hollyhock, but some day it will appear and I predict for it a most unprecedented popularity.

The carriage ride from Tarrytown to Scarboro was most enjoyable. If F. R. smoked it would be more so. It is really the continuation of Broadway and you pass between the homes of millionaires. One we did not pass by but went in and drove around the grounds. It was the home of William Rockefeller, a magnificent place. There is perhaps no locality in the world where more wealth can be found in a few square miles than right here in Scarboro. You enter Mr. Pierson's Scarboro place from the highway and nothing can be finer than the view of his thirty acres as it lies in the valley almost entirely surrounded by higher ground. Down in the bottom of the valley lie the seven immense houses, each 300 feet long by 20 feet wide, and being separated some 25 feet they appear to cover a great area. Looking down and seeing them all at once it is really a fine sight. There is another range of houses nearer the entrance where Mr. Pierson has a general collection for his catalogue trade and where we now and then hear of something new being sent out. Here also is an extensive nursery, and particularly a fine collection of conifers.

As usual the houses were in the very best order. Every inch and foot in these big houses was filled with American Beauty roses. There were a large number of flowers being cut, but I could see plainly that the promise of a large crop later on was most excellent. I have never yet seen such a fine uniform lot of American Beauties. Last year Mr. Pierson sent out the now famous chrysanthemum, Col. Appleton. I was too early to see it in flower, but have since seen it in several places and it has proved to be one of the very finest chrysanthemums sent out for some time. Mr. Pierson must have spent a great deal of money to make the place as beautiful as he has, but there is plenty to show for it and some day it will be a wonder, a place to be proud of.

A mile or so inland from the Hudson is a rich man's home where you will find some of the grandest carnations in the country. Mr. Paul Pierson is running them. The houses are all of the most substantial and modern build. From memory I would say that each house is 250 by 75 feet, with benches about 5 feet wide and each one dropping a foot or so as the level of the ground slopes south. Every new and old desirable variety is represented and they are in the grandest condition. When looking at this magnificent field of carnations it made me think that with our 19 foot houses we are only amateurs just playing at the business. They hardly know what stem rot is. They may later. At present it is a grand sight and the young man in charge appeared to be an enthusiast.

Utica, N. Y.

My last stop was at Utica to see the cups and medals that Peter Crow captured at New York. Peter has his own peculiar style of growing roses. He gets there every time, if it is peculiar. We had a pleasant call with Alderman Frank Baker, who is one of the most sensible and agreeable young men in the business and knows how to raise young ferns to perfection. We are very sorry to find the health of young Mr. Crow anything but good. He had to leave business entirely and has since gone to Denver for a stay, where it is greatly to be hoped the mountain air will bring about perfect health. W. S.

CHRYSANTHEMUM SHOWS.

It is hard work and seems almost impossible to make a financial success of a chrysanthemum show. If they could only be society events, as they are considered in many places in Europe; if they were the fad, so to speak, then we could offer prizes worthy the labor and trouble of growing and exhibiting, and still have an overflowing treasury. Look at the horse show. The violets worn by the ladies attending this annual affair in New York are of as much value as all the premiums given at the mum shows. We must not grumble at people paying extravagant prices for a box at a horse show. At the present development 95 percent of our people would rather pay to see a handsome horse than a handsome flower. Whether it is only the most refined that will pay to see the flowers is perhaps correct, but all of us admire action. The sweet, silent flowers do not amuse. Some of the best literary dramas have been dismal failures for the lack of action. You have action in a horse show and a bull fight. Man fight, including football, is full of action, and they draw the crowds. You will get a much larger crowd to see a vaudeville lady kick two feet above her head than you would to hear her recite "Sweet Bingen on the Rhine." And so it always will be till human nature undergoes a wonderful change, or, rather, till we lose our human nature.

If we could get our flower shows to be society events, where the people came really to see and be seen, as most people go to fashionable churches; admire and enjoy the music and incidentally have a look at the flowers, then we would be in great luck, but that day is not the present. Some cities have fine halls in which to hold their shows, notably Boston, Philadelphia, Toronto, and there may be others, that lightens the risk of a deficit very much, but even with that they are not financial successes, and where a heavy hall rent is paid, to make them pay is out of the question. Still for the good of the trade at large they should be continued against all obstacles.

We notice that in every city there are found some patrons and lovers of horticulture who help to encourage our flower shows. They are likely to increase in numbers if properly handled. A greater success could be made in many localities if all the florists of the neighborhood would lend a helping hand. They may not be able to make an exhibit, although many could that do not, but they could give their good will and help. They could talk to their customers, praise it up, get them interested and do many things to help along the good work, instead of a sneer and a turn up of the nose, as we are certain is often the case.

My particular reason for troubling you now on this subject is that I have just noticed a flagrant case of the old story where a firm has run a show of their own in opposition to the show held by the society. Everybody expects that the florists will make a good display during the exhibition week, and in large cities a little extra advertising by any firm will make no difference to the success of the exhibition. But in small cities, where the largest firm has a most prominent advertisement in the daily papers the very day of the show, which reads: "Chrysanthemum Show every day at R——", is anything but friendly. How can you succeed with a flower show with such help as this? The only consolation—and that is not a certain one—is that the public will notice these things and in their good moments weigh them over and pass judgment accordingly. We all know that you can do this lawfully, and many other things without infringing the law, but the spirit of the thing is bad and contemptible and emanates from small motives.

KIOTO.

BOSTON.

Trade Conditions.

The situation has been an interesting one for the past week. Violets, roses and carnations became scarcer and scarcer so that prices gradually crawled up hill, but against fierce competition on the part of the buyers, because there is no increase in retail trade and they rightfully protest against exorbitant figures on goods under such circumstances.

Chrysanthemums, stevia and paper white, with a little assistance from hyacinths and lilies, have kept prices from ranging too high, except in the case of violets for the Yale-Harvard contest, when the figure ran up to $1.75 to $2 per 100, from 50 cents to 75 cents and $1 during the rest of the week. Red roses have been much perturbed on account of scarcity. Best American Beauties, about 4 feet long, bringing $6 per dozen. A few of the best pink and white have stood at $2 per dozen and nothing has been sold at less than 2 cents each. Carnations are selling at from 1 to 2 cents on ordinary kinds and chrysanthemums range from 25 cents to $3 per dozen; $1.50 gets pretty good ones, and those at 50 cents are not to be despised. The crop is expected to hold out in force until Thanksgiving.

As the growing crops are all getting better and better it is worthy of note that the Lawson pink seems to be developing better than last year, if not better than ever. Some of the best I have seen were on the stand of Denys Zirngiebel at the Park street market. But Mr. Zirngiebel has a habit of expecting his product to look well.

Various Items.

John Spalding, the venerable florist of New London, Conn., has been in Boston consulting the oculists concerning his gradual loss of eyesight, as the result of catarrh and other complications. They tell him there is nothing to be done at present, but his many floral friends will hope for speedy relief from the affliction. The old gentleman passed his "three score years and ten" four presidential campaigns ago, being now 86.

E. Holmes is bringing in sweet peas from his Dorchester place and means to cut them right along. I don't know whether they are late ones of 1900 or early ones for next year.

A Visit to J. W. Howard, Somerville, Mass.

There are really but few men who make good business acquaintances and good personal friends at one and the same time. But I am not thinking of J. W. Howard at Winter Hill, Somerville. In scurrying across the country I ran across his place the other day and went through it as being preferable to going over the top of the new $500 chimney, some sixty feet tall. I was astonished. His street front simply consists of a nice store about 30x40 feet, where the better part of the elegant Doogue fixtures seem to feel as much at home as they ever did in their palatial Boston quarters. Here he carries in stock as fine a collection of cut flowers as almost any retail store in the state. A force of six men besides himself are employed here, two at the retail branch in Charlestown, and Mrs. Howard makes herself as useful to the business as any of them.

Behind the store his territory develops into ten times what I supposed he had there and contains the most stupendous collection of potted plants I ever saw. All kinds and all sizes and room enough yet for growing a lot of bench goods besides, and a remarkable feature is that it all looks in A1 condition except one small bench of late-planted white pinks, which I will not mention, just out of pure politeness. There are three large cellars on the place stocked full of boxes of bulb goods piled cob-house fashion, and dry storage room enough to fill a large farm full of envy. But his large traffic utilizes it all, including a roomy and substantial dwelling and a large stable.

Mr. Howard hitched up one of his four teams and took me over to his Woburn greenhouses. The drive is one of eight miles, through as pretty a residential part of the old Bay State as can be found except for the last mile, where we diverged into what seemed like wood-road through one of nature's back lots. Strangers in that section must be

Part of the Tarrytown, N. Y., show.

surprised at finding his 20,000 feet of glass in this out-of-the-way locality. It is as honest looking a range of houses both inside and out as New England can boast. Here Howard points out with just pride many points in the make-up as that of his own hands.

Two of the ten houses are so new as to be unfinished, but are full of rose bushes set in August and September. A third house is full of three-year-old bushes and all three of them are just shouting promises for Christmas and later. The old house has also cut a surprising amount so far this season as well as during the past two years. The remainder of the glass covers some robust pink plants, smilax, asparagus, ferns, antirrhinum, etc. As a usual thing about three men are employed here.

The farming operations here are quite interesting, all kinds of live stock being kept on the place, including a monkey, and all sorts of outdoor crops are raised.

Mr. Howard's compressed energy is infectious and pervades everything about his establishment, and I mistrust his bank account is as active as the rest of the plant. May he long enjoy his present conditions. J. S. Manter.

CHRYSANTHEMUM SOCIETY.

Work of the Committees.

Following are the reports of the committees judging seedlings and sports:

Philadelphia, Nov. 24.—John N. May, Summit, N. J., exhibited Chestnut Hill, a yellow Japanese incurved variety, which scored 85 points commercial and exhibition scales. Last year this variety scored 90 points commercial scale, 88 points exhibition scale at Philadelphia.

New York, Nov. 24.—Chestnut Hill, exhibited by John N. May, scored 81 points commercial scale.

Boston, Nov. 24.—John N. May exhibited the following two varieties: Chestnut Hill, which scored 88 points commercial scale; and Zampa, a brownish crimson, salmon reverse, scoring 78 points exhibition scale.

Cincinnati, Nov. 24.—Chestnut Hill, shown by same exhibitor, scored 86 points commercial scale.

Chicago, Nov. 10.—Nathan Smith & Son, Adrian, Mich., exhibited Mrs. Elmer D. Smith, yellow, which scored 93 points commercial scale.

Chicago, Nov. 17.—E. G. Hill & Co., Richmond, Ind., exhibited Mary Hill, pink, which scored 78 points commercial scale. Malcolm Lamond, crimson, by same exhibitors, scored 81 points commercial scale.

New York, Nov. 17.—H. A. Molatsch, Brooklyn, N. Y., exhibited No. 19, a bright yellow Japanese incurved variety, which scored 87 points commercial scale. E. H. Hill & Co., Richmond, Ind., exhibited Malcolm Lamond, crimson, reflexed, scoring 85 points commercial scale. John N. May, Summit, N. J., exhibited Mrs. W. B. Chamberlain, light pink, reflexed Japanese, which scored 85 points commercial scale.

Philadelphia, Nov. 17.—Miller & Sons, Bracondale, Ontario, Can., exhibited Timothy Eaton, white, Japanese, incurved, which scored commercial and exhibition scales 92 points. E. G. Hill & Co. exhibited Malcom Lamond, which scored 90 points commercial scale, 91 points exhibition scale. Nathan Smith & Son, Adrian, Mich., exhibited Mrs. Elmer D. Smith, a yellow Japanese incurved variety, scoring 91 points commercial scale, 90 points exhibition scale. Mrs. W. B. Chamberlain, exhibited by John N. May, scored 83 points commercial scale, 85 points exhibition scale. No. 112, by same exhibitor, a chrome red, Japanese reflexed, scored 84 points commercial scale, 85 points exhibition scale. Ferdinand Heck, gardener to George F. Baer, Esq., Reading, Pa., exhibited a yellow, Japanese incurved variety, which scored 84 points commercial and exhibition scales.

Boston, Nov. 17.—Nathan Smith & Son exhibited Mrs. Elmer D. Smith, scoring 94 points commercial scale, 87 points exhibition scale. Mrs. Ritson a white sport from Viviand-Morel, reflexed, by same exhibitors, scored 90 points exhibition scale. The flowers arrived in poor condition, but judging from the excellence of its parent we consider this sport worthy of this score. John N. May exhibited Mrs. W. B. Chamberlain, which scored 88 points commercial and exhibition scales.

Cincinnati, Nov. 17.—H. L. Ragan, Springfield, Ohio, exhibited Gold Smith, a bronze yellow sport from President W. R. Smith, Japanese reflexed, scoring 83 points commercial scale. E. G. Hill & Co. exhibited Mary Hill, a pink incurved variety, scoring commercial scale 89 points. Malcolm Lamond, by same exhibitors, scored 85 points commercial scale. Nathan Smith & Son exhibited Mrs. Elmer D. Smith, which scored exhibition scale 93 points.

Exhibitors should make an effort to mail to the undersigned the name of the variety or varieties, legibly written, which they have sent for examination to any of the committees, in ample time so that they may be correctly spelled when reported to the horticultural press.

The announcement has already been made that Nov. 24 would be the last day that the various committees at the different centers would be on hand to examine seedlings and sports. To judge late seedlings it has been the custom for the committees to meet on following Saturdays when requested. Arrangements can be made for those having late blooms to show if a letter to that effect be addressed to any of the following chairmen in good time to give them an opportunity to get their committees together:

A. H. Fewkes (chairman of Boston committee), Newton Highlands, Mass.

E. Dailledouze (chairman New York committee), Flatbush, Brooklyn, N. Y.

A. B. Cartledge (chairman Philadelphia committee), 1514 Chestnut street, Philadelphia.

James S. Wilson (chairman Chicago committee), Western Springs, Ill.

R. Witterstaetter (chairman Cincinnati committee), Sedamsville, Ohio.

The following letter, which has been received from Monsieur A. M. Ph. Rivoire, Secretaire general, Societe Francaise des Chrysanthemistes, under date of Nov. 10, 1900, will be of interest, we believe, as follows:

SOCIETE FRANÇAISE DES CHRYSANTHEMISTES.

LYON, Nov 10, 1900

Monsieur Edion Lonsdale, Secretaire, de la Chrysanthemum Society of America, Wyndmoor, Pa., U. S. A.

I have the honor to inform you that the variety which has taken the prize of 25, which the Chrysanthemum Society of America has been good enough to offer to our society to be competed for under its auspices, is a variety called "Mademoiselle Marie Liger," exhibited by Monsieur Liger-Ligneau, horticulteur, Orleans. * * *

The award of the prize was made by the vote of the members of the floral committee, which was the committee on awards to examine novelties at the Exposition of Paris. There were other varieties competing, among them may be mentioned "Calvat's Sun" and "Sada-Yacco."

I renew in the name of our society our thanks for the generous gift from the Chrysanthemum Society of America, and beg you to receive the assurance of our best regards.

Le Secretaire General:
PH. RIVOIRE.

T. S. V. F.

P. S.—I hear, at the moment of closing this letter, from Monsieur Dubreuil, that he has received from your treasurer, Monsieur John Newman May, the amount contributed. It will be forwarded forthwith to Monsieur Liger.

I must add that the variety which has taken the prize is not so extraordinary as we could have wished, but we have chosen the best among the many varieties exhibited. It is a Japanese incurved, with tubular florets of a very pretty rose color.

Edwin Lonsdale, Secretary.
Wyndmoor, near Philadelphia, Pa.

NEW YORK.

Club Meeting.

A special meeting of the Florists' Club was held on Monday evening last for the purpose of considering immediate action regarding the holding of a flower show in New York City next year. The plan and scope committee recently appointed to work out the preliminaries had sent a sub-committee to interview the Madison Square Garden Co. on the subject and it was rather the urgency arising from this interview which called for the meeting. A meeting of the plan and scope committee was held on Monday night and a full discussion of the matter was gone through before presenting it to the club.

President O'Mara presided at the general meeting and put the case before it in his usual way and called upon those present to offer opinions and advice. The report from the committee was to the effect that the Garden people would consider the flower show from a strictly business standpoint and that the hall was available for the week commencing Oct. 21st. The impression was given that if the club would provide the premium fund and give the assurance of furnishing a good show the Garden people would assume the rent liability, of course on the understanding that they would be paid from the gate receipts; in this way the Garden company are in a position to secure themselves, but it was not clear how the club would have any protection. Mr. W. A. Manda thought that whilst the early date named would be a detriment in one way it would be an advantage in others. The early varieties of chrysanthemums could be grown and the flowers were safe and greenhouse plants, and especially orchids, Oncidiums, cypripediums and cattleyas would be in and he thought a good show could be put up at that time providing the schedule was properly arranged. He hoped proper appreciation would be shown to specimen plants and that as a parallel case the same value of premiums would not be offered for a tree fern and a vase of six chrysanthemums. Mr. Julius Roehrs preferred to hold a spring show. He said a better supply and a larger variety of flowers and plants were available at that time of the year. Mr. Eugene Dailledouze had nothing to add to what the previous speakers had said.

Messrs. Withers, Wallace, Butterfield

and May discussed the financial end and Mr. C. W. Ward moved that a committee be appointed by the chair to wait on the Madison Square Garden Company and find out from them what percentage of the gate receipts will be offered to the club providing the club supplied the premium fund and attended to the staging of the exhibits. Mr. Ward thought it necessary to have a proper understanding on that point before the club could run the risk. This motion was passed and Messrs. Sheridan, Ward, Weathered, Withers and May were appointed the committee to see what terms could be made and report at the next meeting of the club, which is to be held two weeks hence.

The Market.

The continued warm weather is a great detriment to the cut flower trade. In cut chrysanthemums, however, there was some keen competition. The silver cup for best fifty blooms was captured by Miller & Sons, of Bracondale, Ontario, Can., for their new white chrysanthemum, Timothy Eaton; these were of immense size, and created a favorable impression on all who saw them. Second prize went to A. Herrington for fifty Golden Wedding. Twenty-five blooms, twenty-five varieties, Wm. Scott first, with a grand lot; George Hale second. Twelve blooms, twelve varieties, first, A. Herrington. Six varieties, six of each, A. Herrington first; second, George Hale. John McNichol won first for six incurved, and Geo. Hale first for six reflexed. Ten red, first, J. McNichol. Ten white, first, William Scott. Ten yellow, first, Wm. Scott. Ten any color, first, Wm. Duckham. John N. May exhibited a beautiful lot of pompons and his new

It was a good show and was well attended. J. W. Withers was manager and the judges were Wm. Turner, Andrew Grierson and Albert Small.

The Horse Show.

The great National Horse show at the Madison Square Garden is an event eagerly looked forward to by society and every florist in these parts. It is quite safe to say that no other event on this continent occasions the same expenditure. Millions are spent on dresses for this affair, and thousands once upon a time were spent for flowers. As the years pass along, however, less flowers are being worn, and this must not be attributed to a lack of devotion to flowers but to the increasing elaborateness of dress. Madame or miss refuses to hide her rare lace or embroidered vest behind a mass of flowers, and then, you know,

Some prize-winning blooms at the Mt. Kisco, N. Y., show.

Stock is flabby and off color and crops are all astray. Chrysanthemums are on the decline in supply, though there will be more than sufficient for the wants for some time to come. Poor stock, poor business, would describe the situation in brevity. Once in a while a little good stock comes to town and there is a raid on it, but the average supply is poor and the unusually warm weather is responsible. From present indications, many large growers tell us, the supply of good American Beauties for Christmas looks very dubious; but few buds are showing so far. There is, however, every prospect for an immense trade whether it be in plants or flowers or both and growers are putting forth every effort to be in a position to supply that demand.

Following are the prevailing prices per 100, the range being from the best down to the poorest grades: Beauties, 40, 25, 20, 15, 5; Brides and Maids, 12, 10, 8, 6, 2; Meteors, 12, 10, 8, 3, 1; Cusins and Morgans, 12, 10, 8, 4, 2; Kaiserins and Carnots, 15, 12, 8, 6, 2; Perles, 4; Liberties, 15, 8; carnations, 3 to 1; violets, 2 to 1; valley, 3 to 2; cattleyas, 5 per doz.; cypripediums, $12.50 per 100; gardenias, 3 per doz.

The Exhibition.

At the American Institute show some very fine blooms were shown, in fact, none better were seen at the shows this year. Julius Roehrs staged a choice assortment of foliage and flowering plants; Lager & Hurrell some choice orchids; Siebrecht & Sons exhibited a few specimen ferns and palms. There was very little competition in classes for plants.

mum Yanariva was in good form here.

C. W. Ward, of Queens, showed an elegant lot of carnations, among which Gov. Roosevelt and another new crimson were the stars. There was also a very good yellow seedling in the batch, and the exhibit attracted considerable attention. The Briar Cliff Greenhouses were the largest exhibitors in carnation classes; they won first on collection and several firsts and seconds in other classes. Chris Besold showed his new Admiral Cervera, a Spanish combination of color, and Goethe, a charming pink seedling. Weber & Sons, of Oakland, Md., exhibited several vases of their fine seedlings; a white, labeled 110, similar to Flora Hill, was favorably commented on; a pink, No. 11, very much like Genevieve Lord, was awarded a certificate of merit. Geo. M. Hall and Wm. Turner put up fine vases of carnations. The former showed Lawson in fine form and won first in the class for varieties.

J. M. Feeter won first in violets with a bunch of fifty. Nathan Smith & Sons, Adrian, Mich., exhibited some new chrysanthemums and a choice collection of cypripediums.

Wm. Turner showed a fine vase of Liberty. The first prize for twelve Beauties went to Dr. Seward Webb's gardener; second, Wm. Turner. First for Carnots to G. M. Hay, who also won first on Bridesmaids, and Geo. Hale's Morgans were well worth the first prize they won. A vase of Dailledouze Bros.' new carnation Prosperity was the center of a group of admiring gardeners; it looks as if all must have this in their collections next season.

there are the diamonds, which must get a fair chance to sparkle.

We visited the horse show to see what flowers were worn, and out of 150 ladies occupying the boxes twenty-five wore violets, fifty were chrysanthemums; there was a spattering of orchids and roses among the remainder. In the second grade seats the wearing of flowers, both violets, chrysanthemums, roses and carnations, was more general, and though the great majority of florists may not have noticed increased sales it is safe to assume that an event like the horse show is of immense benefit to the florist trade still. No sane man can expect a doubling up of prices for it, though; those times are gone when such was possible.

Various Items.

It has been a bad year so far on prices, and in consequence there has been considerable hard thinking done in the greenhouses. It cannot be helped, boys, such things will occur again, and it will be worse in years to come, for the reason that many farmers are stopping the cultivation of cabbage and corn and are going into the growing of violets, roses, etc., etc. The business has more and more become like that of the races—the best horse comes first. The track is wide. Growers hereabouts tell us it has been a difficult fall on roses; good grades of stock are scarce; Beauties, most of all, seem to be off crop at present; it is better to have them so now than when they will be more badly wanted and crops which are off now will stand a better chance to be in again for Christ-

mas. And don't have any doubts about it, Christmas is going to be very good, especially for flowering plants and baskets of mixed plants—have your stock good. Cattleyas have suddenly become very scarce and consequently more respected; good blooms bring 50 cents. Carnations promise to be good and plentiful this season; they to a considerable extent help out the shortage on roses just now.

Every grower seems to have a new seedling. Chris Besold, of Mineola, has perhaps the most remarkable seedling carnation seen this year. The color is sublime pink and on that account—independent of technicalities—there is a great future before it. Mr. Besold has named it Goethe.

Some of the principal retail establishments made horsey displays last week. Some transformed their windows into saddlers' shops, stables and carriage houses. The Waldorf-Astoria was very prettily decorated by Small & Sons. A large quantity of wild smilax, evergreens, palms and yellow mums were used, and the work was well done.

If any one wants to see Liberty growing, or inquire about it, Wm. Turner, gardener to Wm. Rockefeller, has a house of it in full bloom. Mr. Turner has been showing some grand blooms of it at all the shows, and he informed us he has been cutting the rose by armfuls. He considers it easy to grow and a good rose.

John Condon, the Greenwood cemetery florist, held a chrysanthemum show at the Eden Musee, and for a one man's show it was very creditable. The center of the main hall was laid out with benches of pot plants, and at the sides were arranged some good blooms on boards. There were many of Mr. Keenan's seedlings on exhibition; they are called after more or less popular names. Richard Croker is a claret red with tiger-like whiskers; T. C. Platt is white, like Tom's grey beard; Paul Kruger is a bronze red, like the mouth of his cannon, we are told; David Harum, a pink anemone, is good. There were several good new chrysanthemums in Mr. Condon's exhibit, and they deserve to be watched.

It is expected that the next exhibition of the American Rose Society, to be held in March next, will take place at the Waldorf-Astoria. Negotiations are in progress for same. C. W. Ward's house of Begonia Gloire de Lorraine, both for present use and Christmas supply, is a picture worth traveling a long way to see. The stock is grand.

Bobbink & Atkins have received and are shipping an immense stock of azaleas. We never saw a better average of quality.

Bowling.

The New York Bowling Club decided to invite the Flatbush bowlers to play an informal match on the alleys at 19 St. Mark's Place, New York City, on next Monday evening. Last Monday evening the scores were:

Burns	161	162	163	Schenck	96	105	124
Hafner	173	180	150	Stewart	125	103	....
Siebrecht	134	139	132	Traendly	146	157	....
Lentz	143	158	166	Donlan	131	146	....
Lang	211	164	206	Herrlugt'n	113	....	....
Lerscher	150	147	143	May	153	....	....
O'Mara	101	149	136	Duckham	95	....	....

J. I. D.

Increase your foreman's ability by giving him a copy of our Florists' Manual—prepaid for $5.00.

ST. LOUIS.

The Market.

Business was reported good the past week from all over the city, and especially so in the West End, where they furnish the decorations for nearly all the fashionable weddings and parties. The downtown florists claim that transient trade was never better, and funeral work is plentiful. The wholesalers report that stock of all kinds is plentiful, and both local and shipping trade brisk.

Chrysanthemums are abundant, but the price on them has not been so high as it was and they have ceased to be a factor in depressing prices on other stock. Good blooms are now bought for $10 and $12.50, and from that down to $5 per 100.

Thanksgiving day prices go into effect today (Monday).

The roses coming to this market have improved in quality. Beauties have been scarce and the best brought 20 cents and from that down to 5 cents for shorts. Fred Ammann, Joe Heinl and Geo. Kellogg are sending in the best, and as the demand is good they bring top prices. Brides and maids are good, some of them extra fancy. Kaiserins and Meteors sell well and Perles and Carnots have a good call, selling from $2 to $6 per 100.

Carnations are unsurpassed in quality just now, and all the new fancy varieties sell out clean at $2 and $3; other varieties, such as Scott, Daybreak, Flora Hill and Portia, bring $1 and $1.50. The latter are quite plentiful just now, but by the end of this week the market will find them scarce, as Thanksgiving Day will use many thousands of all kinds.

Violets are extremely scarce, and the few warm days the past week did them no good, and this week, when plenty of them could be sold, few will come in; 50 cents is asked for the best California's and 25 cents for singles; no doubles to be had.

Romans and paper white narcissus are in the market in good shape and are plentiful from the jump. Romans sell at $3 and $4; paper whites, $4; stevia, $1 per 100. Smilax sells at $12.50, with plenty of it in the market, and the demand good.

Notes.

The next meeting of the Florists' Club will be held here on Thursday, Dec. 13, at 3 o'clock, and will be an important one. A report will be made by the exhibition committee on the last show, and Messrs. Ude, Halstedt and Ude, Jr., will read their essays. President Guy expects every member of the club to be present. The meeting will be called promptly at 3, as it will be quite lengthy.

Martin Reukauf is in town, representing H. Bayersdorfer & Co., selling holiday novelties.

Otto Fehrlin, late of Galveston, Texas, has located in St. Louis, having bought out the Vale of Cashmere Company's place in Grand avenue. Mr. Fehrlin reports that he is doing quite well, and we hope he will continue so.

Mrs. M. M. Ayers reports business good. The opening of the Castle Square Opera Company at Music Hall kept her busy the past week.

John M. Hudson is out and around again looking better than for a long time. John is talking of opening a store downtown during the holidays.

Chas. Connon, Sr., of Webster Grove, is reported very sick. Mr. Connon is still abed, but much improved at this writing.

Charlie Kuehn and J. J. Beneke are now members of the Marquette Bowling club, which is a member of the city league. They are still members of the Florists' club, and bowl every Monday night. The Marquettes are third in the race of the clubs. Arthur Ellison and Billy Adels are members of the Court House team of the same league.

Ellison & Tesson will close their uptown store some time next month and will do their business at 625 Olive street, which is their downtown branch.

Frank Ellis, Chas. Kuehn and Henry Berning, our wholesale men, are making great preparations for supplying the trade during the holidays. Now that we have three houses the trade will not have to suffer for the want of good stock and plenty of it. All report good orders ahead for Thanksgiving Day.

Bowling.

The bowling club was well attended Monday night and great interest was taken by the younger members. Frank Ellis joined the club and will roll every Monday night. Martin Reukauf of Philadelphia was a visitor and rolled with us. The scores were as follows:

	1	2	3	To.	Av.
C. A. Kuehn	179	163	168	510	170
J. J. Beneke	172	120	184	476	159
Wm. Adels	113	194	159	466	155
Fred Weber	143	159	157	459	153
John Kunz	146	134	161	441	147
C. C. Sanders	127	152	114	393	131
Frank Ellis	122	101	....	223	112
R. Mohr	108	....	....	108	108
M. Reukauf	82	92	....	174	87
Theo. Miller	100	67	91	258	86

J. J. B.

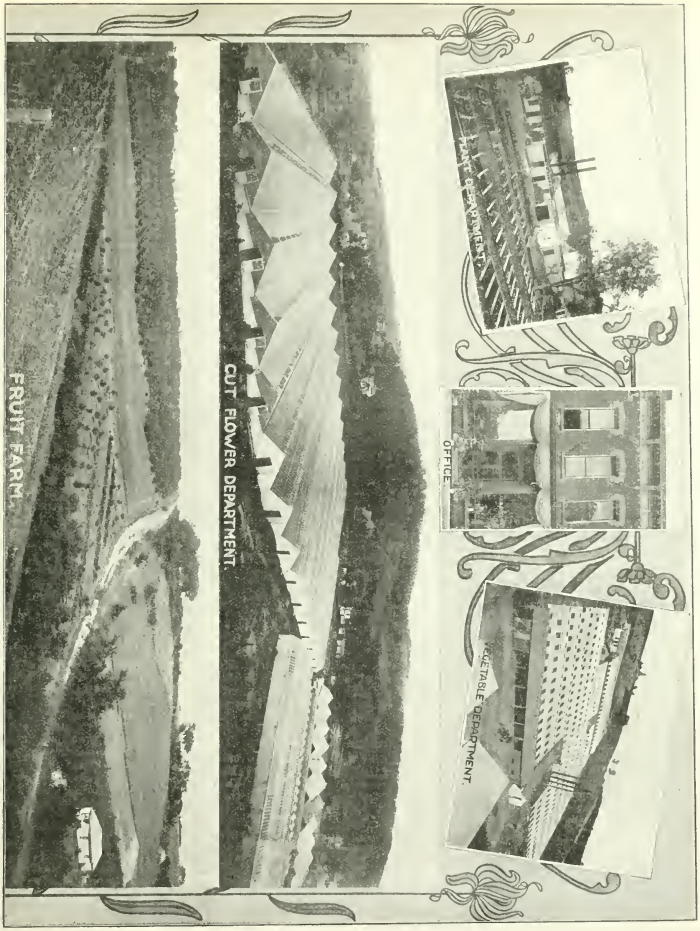
A WESTERN PLANT.

Few who have met the genial Mr. J. F. Wilcox, of Council Bluffs, Iowa, understand that while he is one of the largest growers of cut flowers in the country this is only a department of his business. In addition to his great range of glass devoted to cut flowers he grows plants and vegetables on a very large scale and also has an extensive fruit farm

We present herewith a group of views showing the different departments of his diversified business. He has a total of 500,000 feet of glass and in the cut flower department alone 5,000 tons of coal are used annually.

Besides his large trade in Council Bluffs and Omaha he ships his cut flowers and vegetables into every western state and to many of the larger eastern cities. He sends thousands of packages annually to Denver, Salt Lake City, Portland, Chicago, St. Louis, Cincinnati, in fact, all the principal cities of the west and middle west. His store is located at 521 Broadway, where he supplies the local demand for flowers and plants of every description. A department of Mr. Wilcox's business that has immensely grown in importance during the last few years in his horseradish factory. Thirty acres of ground is devoted exclusively to raising horseradish, which is grated by steam and specially prepared and bottled for him. This product, also, is shipped all over the country.

As a grower of cut flowers Mr. Wilcox has acquired an enviable reputation. The roses and carnations he sent to one of the Chicago club's displays one winter created quite a stir, especially his Beauties.



Views of Greenhouses, Fruit Farm, Vegetable Gardens and City Office of I. F. Wilcox, Council Bluffs, Iowa.

HARTFORD, CONN.

The fourteenth annual fall exhibition of the Connecticut Horticultural Society was formally opened on Nov. 6 and lasted three days. Days of rare treat to flower lovers, but making scant returns to the treasury. Why will the general public flock to an entertainment which bills some buffoonery or coarse horse play as part of the show when they will not go to the slight trouble and expense of seeing the truly named "Queen of the Autumn" at an exhibition?

People say that choice flowers can be seen at no expense in the greenhouses. True, but there each plant cannot be placed to show all its beauty and fine points, and seldom do you see a label with the variety name thereon. That is something that flower lovers look for—how much pleasanter it is to know these sweet acquaintances by their given names, how much more individuality they have.

Perhaps the most popular exhibit in the hall was a number of that splendid new rose, Queen of Edgely, sent by the distributors. Their fine foliage, extra long stems and surpassingly beautiful tint, made them striking, even in all that wealth of gay coloring.

There were a large number of very fine bush mums which showed a high degree of skill in growing, notably those exhibited by Thomas Dryden, of Hartford. His Viviand-Morel, C. W. Ward, Miss Georgiana Pitcher, Mlle. Lucie

Faure, Belle of Castlewood, and Mrs. H. Weeks were among the best. In the cut blooms Modesto, Mrs. H. Weeks, Solar Queen, Mrs. Trainor L. Park, Autumn Glory, Wm. H. Chadwick, Marion Cleveland, Mayflower, Philadelphia, Black Hawk, Viviand-Morel, Pennsylvania, Frank Hardy, Golden Wedding, Minerva, Mrs. Jerome Jones and Queen were especially prominent for size and beauty. The largest bloom was an enormous Wm. H. Chadwick, about the finest mum ever shown in Hartford. Second prize was for Viviand-Morel.

The geranium exhibit was fine and was quite popular, too, Ian MacLaren and Mme. Malin being about the handsomest and best grown. Carnations, violets, roses, hot house grapes and other good things made up the show and came in for their share of attention.

R.

CHICAGO.

The Market.

The reports on Thanksgiving trade by the various wholesalers are somewhat at variance, some noting a decrease and others an increase as compared with last year. On the average the trade was probably somewhat less than that of last year in money value, for while a large amount of stock was handled the average price was lower, and this no doubt brought down the receipts in dollars.

High grade stock, especially in roses, was hard to get and prices ruled above printed quotations, but there was a decided surplus of lower grade stock, and this was moved at low figures. In carnations there was a shortage in colored sorts, but there was plenty of white. Chrysanthemums, especially yellow, moved slowly, and an enormous number had been sent in. An abundance of poor violets and but few good ones.

The bulk of the demand up to Tuesday was from outside points, and there was little indication of the local trade awakening at the last moment.

Certain it is that prices averaged some little lower than last year, though it cannot be told with certainty yet whether the cash receipts in the aggregate will even up or not.

The local retailers will not be able to make a definite report until Friday or Saturday. But few advance orders had been placed by customers.

Various Items.

Kennicott Bros. Company's new catalogue of cut flowers and florists' supplies is a beauty. The three red roses in color on the cover are very striking and handsome, and the half-tone illustrations of wire designs are certainly novel and effective. An excellent feature is the series of illustrations showing how many of the wire designs look when filled. There is quite a long list of supplies, and this and the fine engravings make it a book that every florist will want to keep.

Bassett & Washburn did a heavy shipping trade for Thanksgiving. They had a big supply of fancy carnations, of which 4,000 sold readily at the fancy rate of $5 a hundred. Their place on Tuesday was a whole carnation show in itself.

Architect Richard E. Schmidt has made plans for a one-story and basement conservatory, with a dome forty feet high, of brick, stone, iron and glass, which Montgomery Ward is about to build for John Mangel, the florist, in Lake avenue, south of Forty-seventh street, on a lot 90x130 feet. A lease of the holding for twenty years has been agreed upon.

Mr. M. F. Kyle, of Kalamazoo, Mich., was in the city visiting old friends last week.

Bouquet green is scarcer than ever. It is reported that there is two feet of snow in one district that has heretofore sent a good supply to this market.

Roses will be the subject at the first meeting of the Florists' club in December.

The date for the next games to be bowled by the florists in the Anson league is Dec. 12.

A notice has appeared in the daily papers of the incorporation of the "Chicago Carnation Co., Chicago." The capital stock is given as $5,000 and the incorporators as S. L. Adams, R. S. Ludington and D. M. Moore. We are assured that the action was not taken by the Chicago Carnation Co., of Joliet, and as the incorporators are not known in the trade the probability is that they are attorneys acting for some one whose name does not appear. The duplication of names will surely cause confusion and is to be deprecated.

BUFFALO.

Another foot of wet snow yesterday, a regular suicidal day, but this Tuesday morning the sun is shining brightly and all troubles are forgotten. But we never will forget the wet November of 1900. In spite of clouds there seems to be a good supply of flowers, except violets, which are in very short supply. Choice flowers went up to $4 per 100. We don't mind a short crop now if we can have plenty for the holidays.

Mr. Guenther, of Hamburg, this county, is now sending in grand blooms of several varieties of chrysanthemums, the best of which is Golden Wedding. What a pity that more cannot grow this fine sort, for it is the king of them all when well done. It has the size and form and grace and color that none other possesses.

You hear every day or two from one or other of the Main street florists that business has been "first-class." When this is admitted you can conclude that it is generally good and no doubt it is quite an improvement over last year.

There came very near being a $1,400 florist's locomobile delivery wagon in the streets for Christmas, but the deal fell through and "S. A. A." says "we'll bide a wee."

There is a new establishment in town. Mr. Foss, who has been working in the greenhouses of the Pan-American, has built two very substantial houses very near the corner of Main and Amherst. This is right in the heart of what is known as the Central Park district, which contains hundreds of our finest homes.

Mr. John Battolph, who by profession is an expert draughtsman, but always showed great taste for gardening, has built a 75x20 house and will run it semi-professionally. I expect to see an addition next summer and then John will blossom out as a full-fledged florist.

You will remember that about a year ago the trade here took a bold stand and all agreed that no more flowers or plants should be donated for any purpose whatsoever. We cut it out short. We had to. To send a dozen palms on certain occasions and donate a few flowers for charity's sake was a pleasure, but it grew simply unbearable. We were appealed to four or five times a day and all felt a great relief when the agreement was reached. Being published in the papers it worked charmingly. Hardly a single request has been made and you can depend on it, reader, that you will offend no one by such action whose trade is worth much. The beggars are those who would spend very little money for flowers for any occasion.

We have sailed along in peace for months, almost forgetting that we were ever pestered with beggars, till two weeks ago we ran against a snag. A number of our leading society ladies got up a ball, the proceeds to go to the fund for support of the district nurses, a splendid organization that does great good among the poor and needy. We will have everything donated, my dears. We won't have any expense, so that we must make money. Mr. Jones will pay for the ice cream, Mr. Robinson will pay for the music, Mr. White, I know, will pay for refreshments, in fact I feel sure that we can get everything, and we will get the florists to decorate our hall. Won't that be just lovely; let's telephone to the florists at once to meet us tomorrow morning." We met and the five Main street florists offered to decorate the hall at cost, each one sending a man to do the work. The ladies felt a little hurt at our refusal to donate the whole job, but we made no bad friends. Seeing that we were all united and meant to adhere to our agreement, I think they rather admired the stand we took and they very sensibly made up their minds that some flags and ribbons would do just as well for the occasion.

Now, you see, the man that played the fiddle got his pay and the man who made the cakes and ice cream, etc., got his, but a wealthy man paid for it, and as no wealthy man offered to pay for the floral decorations they went without any. This is the first serious snag that we have run against and the snag had to give away, and as our agreement was not wrecked in this encounter we expect to go sailing along serenely. Take notice many of you Buffalo florists who were not approached about this job that those who were stuck to each other and to our agreement.

W. S.

PHILADELPHIA.

The business conditions during the past two weeks have been very encouraging. The supply of nearly all kinds of cut flowers has been sold at fair prices with little waste, possibly excepting in the poorest grade. From the 12th to 17th days of the month or during the first of these two weeks the demand for some varieties of choice flowers exceeded the supply. This applies particularly to good violets on Saturday, the 17th. On that day Yale was playing football at Princeton and Pennsylvania was also playing at Franklin Field against the Indians. This made a great demand for violets, blue being Yale's color and also Pennsylvania's when combined with red. The violet growers were hardly in a position to take full advantage of the opportunity, for the weather, which had been warm and bright, became dark and cool a day or two before the football contest took place.

Last Saturday saw another tremendous demand, this time pink carnations being favored. The occasion was the Union League's dinner to the president and his cabinet. This dinner is said to have been the finest, from a florist's standpoint, that has ever been given in Philadelphia. It was Founder's Day at the League and that great club had among its guests every member of the administration, excepting the Secretary of War, who is in Cuba. For this gathering of celebrated men, unique in any city outside of Washington, the whole club house was elaborately decorated. The daily press praise the beautiful effects produced, especially in the banquet hall, and to give some idea of the quantity of the stock that was used, offer the following figures: 12,000 pink carnations, President McKinley's favorite flower, lavishly used on the dinner tables; 550 orchids, chiefly cattleyas; 500 lilies of the valley; 300 yellow chrysanthemums; 200 pink and white chrysanthemums; 500 red roses; 200 white lilacs; 2,000 palms(!); 6,000 yards smilax (presumably wild smilax from the south). Truly a vast collection.

Prices are about as follows: Beauties, the best, $3 to $4 a dozen; Brides and Maids, firsts, only $4 to $6 a 100 (these brought $8 to $10 in the scarcity one week ago); Kaiserins, $6 to $8; carnations, common, $1 to $1.50; fancies, $2 and upwards; violets, single, 50 cents a 100; doubles, not much more; valley, $4; chrysanthemums, good blooms, $1 to $2 a dozen; fancies, a few bring $3.

Good chrysanthemum blooms have sold well this season. The supply has rarely exceeded the demand; it might almost be said that it has rarely equaled the demand. It is safe to say that all well grown flowers have paid the growers, though the margin of profit has in most cases been small when all expenses are counted.

Referring again to the show, I wish to add that the pretty flowering begonia exhibited by H. A. Dreer is named Begonia erecta compacta and that the new rose, cross between Belle Siebrecht and Merveille de Lyon, from Robt. Scott & Son, is named Robert Scott.

PHIL.

BALTIMORE.

Trade and Personal Items.

In this latitude we are having phenomenal weather, that of last week resembling June, with the brightest blue skies and southerly winds, and last night (Nov. 25) a thunderstorm of considerable violence. One or two days the mercury ranged from 75 to 78 degrees, but today we have leaden clouds and gloomy outlook, lower temperature and occasional showers. These conditions have not been entirely favorable to business, but the dealers say that for the season trade is fairly encouraging, and good stuff is in steady demand. Unfortunately, the warm weather has provoked a soft growth in the plant houses and taken the vigor and brightness out of the blooms, so that really first-class flowers have been exceedingly hard to secure.

Numerous weddings have tended to increase the demand for flowers. Two notable ones of the past week were the Taylor-Gary and the Cooper-Jenkins nuptials. The former event made a great stir in the social world, the bride being a daughter of Mr. James A. Gary, former postmaster general, and the unusual distinction being accorded the ceremony of the attendance of President McKinley and a number of the members of his cabinet. The decorations were furnished by William J. Halliday and are described as tasteful and striking. A delicate and appropriate compliment was paid to the guest of honor, the chief magistrate of the nation, in the selection of his favorite flower, the pink carnation, as the conspicuous feature of the wedding adornments, and it was used lavishly and effectively. Great banks were placed on the mantels, and the table occupied by the bridal and the presidential party was decorated with gorgeous bouquets tied with pink satin ribbon. Through the rooms and halls graceful groups of palms and other foliage plants were arranged with fine skill, and the employment of smilax, ferns and asparagus was profuse and effective.

Another noteworthy decoration was at the Cooper-Jenkins wedding, which was gorgeous in the abundance and beauty of the flowers and vines, the artistic services of S. Feast & Sons being here availed of. One room was adorned with Harrisii lilies, another with American Beauty roses, a third with pink chrysanthemums and still another with carnations. The table was beautiful in a mass of Harrisii lilies, white hyacinths and lilies of the valley. There were portieres of smilax, covered with white and pink roses. Both of these decorations are described as being amongst the most beautiful seen in this city of late years.

The windows of the Charles street florists were unusually handsomely dressed today. It would seem that the mum season is about passing, and that with one consent the decorators gave change of material and new touches to their windows. John Cook displayed fine ferns and orchids; Halliday Brothers, carnations and roses; S. Feast & Sons, roses, and William J. Halliday eclipsed all by a splendid display of the new pink Queen of Edgely, which he placed on exhibition and sale for the first time in this city, the lovely new candidate for popular favor being offered in large numbers and fine condition. In another window were handsome Beauties and some wonderfully well-done La France.

A recent visit to Patterson Park disclosed the fact that the old conservatory there, which had been condemned by a former park board to destruction, has been, under the economic present regime, patched up, painted and puttied, and made to do longer service. The plants are as effectively arranged as their character and condition will allow, and present many attractions to the visitors at this popular public pleasure ground.

New structures are being erected here looking to the production, following the policy of the park management, of supplies of bedding stuff for the various squares, a number of which have been erected under the management of the superintendent of Patterson Park, Mr. Charles Seibold, who is a man of decided skill as a gardener and with ideas entirely out of the everyday ruts, which follow only routine and precedent. He has introduced already some improvements which are real and telling and has others behind. One of his schemes, which has official sanction, is the establishment within the park enclosure of a model nursery, where the various operations will be open to public view and where the plants grown for park uses will be plainly labeled, to the edification of all seeking information in this line.

RIX.

INDIANAPOLIS, IND.

Various Items.

During the past two weeks trade has been anything but satisfactory. A very large oversupply of mums, coupled with a rather light demand, caused a glut in the market.

Roses and carnations have not been in oversupply in first quality stock, but the medium and poorer grades had to suffer with the mums. But mums are rapidly decreasing in quantity and the growers are hoping for better prices all around. There will be some mums for Thanksgiving trade, but that will likely end most of the growers' stock except some late varieties.

These midseason gluts are very apt to set one to thinking and it becomes more apparent every season that nothing but the highest grade stock pays in midseason and even such stock sometimes has to go below cost of production. Some fancy blooms were sold as low as 5c, which is less than they can be grown for. The retailers have also been complaining of a light demand, but the weather has been entirely too warm for good business in their line. For many years there has not been so little cold weather by this date. The past three days have been rainy, which makes it still worse. A good cold snap and bright weather would improve matters wonderfully, and no doubt it will come sooner or later and in good force, too.

The main topic among the florists at present is "Can we hold a big mum show next year?" The one we had on Nov. 14 was a grand success in its way. The quality of the stock exhibited was very good, but the premiums were small and those who won them hardly received a fair market value for their product. This show was free to the public, and all the premiums were paid either out of the society treasury or else donated by members of the society, so the expenses were light and no one had to worry about a possible deficit. It was held in the horticultural rooms at the state house, of which we have free use.

But some of the members want to hold another big show in Tomlinson hall, and are studying up all kinds of schemes to make it a success. There is a rumor of the Commercial club lending its aid, which would be a sure guarantee of its success. In that case it would be made a society event, and that is what the florists have been unable to do. We sincerely hope that it will be pushed to a successful conclusion.

In making the rounds of the growers we find them all in fair shape for the coming season. Some are a trifle late with their carnations and will have to push them along if they want a good holiday crop. At one place I saw a batch of poinsettias that were a fair illustration of how they should not be grown. They were in five-inch pots and plunged in about five inches of soil, and they looked as though they were starving for a little manure water. They each had from three to five shoots, and each pot had one wire stake to which the shoots were tied so closely that one could

WE ISSUE THE FOLLOWING CATALOGUES AND TRADE LISTS

Will be pleased to send you samples of all the brands of ribbons we carry in stock.

GENERAL TRADE CATALOGUE OF SEEDS, BULBS and SUPPLIES January 15th and September 15th.
PRELIMINARY BULB LIST June 15th.
COMPLETE BULB LIST August 1st.
PALM AND FERN CIRCULAR August 15th.
GREEN AND HOLLY LISTS November 1st to 15th.
GENERAL CUT FLOWER PRICE LISTS on every Saturday in the year except in the months of July and August, and as occasion requires we mail with these lists Special Circulars offering seasonable goods at regular or reduced rates—and the Seeds, Bulbs and Supplies thus offered cover nearly our entire line.
REVISED RIBBON CIRCULAR July 20th.

Will be pleased to send any or all of these to you upon request. A postal card does the work.

E. H. HUNT,

76 & 78 Wabash Ave.

CHICAGO.

Mention The Review when you write.

hardly run his finger between the stems. How can any grower expect those bracts to develop? And can it be possible that that man ever reads the trade papers, which have in the last year contained all the information that even a greenhorn would need on that subject?

Robt. McKeand, superintendent at Garfield Park, is busy planting 3,500 trees in the various city parks, most of them in Riverside Park.

Recent visitors to this city have been Mr. E. G. Hill, from Richmond, who is always a welcome caller and is always interested in anything new you may have, and Mr. E. J. Brown from Shelbyville. A. B.

MILWAUKEE.

Stock for Thanksgiving was well ordered up, especially in roses, and good shipping roses were exceedingly short of demand. In carnations all colored stock found ready market, but some white went begging. All mums fit to cut were crowded on the market and prices averaged up pretty well, due probably to the shortage in roses. Violets were badly off crop and prices almost went beyond reach of buyers. American Beauties were unusually scarce for this season of the year. Stevia and paper whites were equal to the demand.

The Florists' Club bowlers turned out in full force Monday night. Several turkeys were hung up for prizes and C. C. Pollworth, Wm. Zimmerman and Nic Zweifel will enjoy free turkey on Thanksgiving Day at the expense of the club.

From indications the bouquet green market is practically closed. Heavy snows up north cut off the supply during picking season. Geo. W.

ST. JOSEPH, MO.—J. N. Kidd has opened a branch store at 512 Francis street.

CAMDEN, N. J.—William Johnson, aged 16 years, son of Floyd Johnson, the florist, died suddenly Nov. 12.

CANTON, ILL.—At the annual meeting of the Central Illinois Hort. Society, which closed here Nov. 21, the following officers were elected. Pres., H. Augustine, Normal; Vice-Pres., G. J. Foster, Bloomington; 2nd Vice-Pres., S. N. Black, Clayton; Sec'y, J. C. Blair, Urbana; Treas., W. S. Zeigler, Clinton.

THE BEST THING in the world to give yourself for Christmas is a copy of our $5.00 Florists' Manual.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 25 words in any issue desired during the year. If the advertisement exceeds 25 words, send at the rate of one cent for each additional word.

FOR SALE—64 sashes, 3 feet by 6 feet, 7-8 by 3-in. glass, good for frames making a house 10 feet by 100 feet; $65.00 for the lot. John Reck, Bridgeport, Conn.

FOR SALE—A bargain in show cases. Several in good order for sale cheap. Thrown out on account of changes; also several thousand of Gasser's zinc joints, 12 and 16-inch. R. E. Shupbelt, Chatham, N.Y.

SITUATION WANTED—A good grower wants a position for the winter in vicinity of Chicago at moderate wages. Will give good value. Address C. D., care of Florist' Review.

WANTED—Price-lists and catalogues. Address W. M. Tiplady, 1. S. P., Joliet, Ill.

FOR SALE—4 feet by 12 feet horizontal steam or hot water tubular boiler; has 34 3-inch nearly new tubes. 3000 feet 4-inch cast iron pipe, elbows and tees. Pipe 9c per foot. C. & G. L. Pennock, Lansdowne, Pa.

FOR SALE—On easy terms, two plant houses, residence on the adjoining lot, in city of 12,000 inhabitants. A good paying business established. Address 1243, care Florists' Review.

FOR SALE.

MODERN IMPROVED GREENHOUSE PLANT of 7 houses (17,000 sq. ft. of glass), well stocked and in full operation; together with highly improved fertile farm of 52 acres, suitable for truck or general farming; modern dwelling with barns, ice house stock sheds and out-houses. Easily accessible to Cincinnati. Well established wholesale and retail trade. **Address Suburban, care Florists' Review.**

PRIMROSES.....

Primroses, latest improved large flowering, fine plants, 2½-in. $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cash please.

J. W. MILLER, HATTON, PA.

Mention The Review when you write.

CHANGE IN CONTINENTAL LIMITED.

Effective November 25, the Wabash Continental Limited for New York and Boston will leave Chicago at 12:00 noon, instead of 12:40.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

McKELLAR & WINTERSON

Wholesale Dealers in everything for Florists.

WHOLESALE PRICES.

Roses, Am. Beauties, select,	per doz.	$4.00 to	$5.00
" " medium,	"	2.00 to	3.00
" " short,	"	1.00 to	1.50
" Meteors, Liberty	per 100,	4.00 to	7.00
" Brides, Bridesmaid	"	4.00 to	6.00
" Perles	"	3.00 to	5.00
" Our selection	"	3.00 to	4.00
" Good seconds	"		3.00
Carnations, extra select	"	2.00 to	3.00
" good quality	"		1.50
" our selection	"		1.00
Chrysanthemums, extra se'ect	"	20.00 to	25.00
" good quality	"	10.00 to	15.00
" short stems	"	6.00 to	8.00
Orchids, Cattleyas, select	per doz.		1.00
" Cypripediums, select	"	1.50 to	2.50
" assorted sprays, etc.,	per box	5.00 to	25.00
All Orchids very scarce.			
Violets, extra select, double	per 100,	1.00 to	2.00
" single	"	1.00 to	1.50
Valley, extra select	"		5.00
Stevia	"	1.50 to	2.00
Bouvardia	"	2.00 to	4.00
Migeonette	"	3.00 to	5.00
Margueri'es	"	.60 to	1.00
Paper Whites	"	4.00 to	5.00
Romans	"		4.00

DECORATIVE STOCK.

Ferns, Adiantum	per 100,	.50 to	1.00
" common fancy	"		.20
" " "	per 1000,	1.50	
Ivy Leaves, fancy	per 100, 50c	"	4.00
Galax Leaves, fancy	" 15c	"	1.25
Leucothoe Sprays	" 75c	"	6.00
Smilax, extra select	per doz.	2.00 to	3.00
" choice ordinary	per 100,	12.50 to	15.00
Asparagus Plumosus, select strings,	per doz.	6.00 to	8.00
Asparagus Plumosus, sprays,	per bunch, 50c to		75c
Asparagus Sprengeri	per doz., 25c to		75c
Wild Smilax, No. 1 contains 15 lbs.,	per case,		2.00
" No. 2 " 20 lbs.,	"		2.50
" No. 3 " 25 lbs.,	"		3.00
" No. 4 " 35 lbs.,	"		4.00
" No. 5 " 40 lbs.,	"		5.00
" No. 6 " 50 lbs.,	"		6.00

Prices subject to change without notice.

POINSETTIAS FOR XMAS.

Extra select, longest stems, largest flowers	per doz.,	$1.00 to $3.00
Extra select, fancy stock	"	2.00 to 3.50
Good grade	"	2.00 to 2.50
Ordinary and smaller flowers	"	1.00 to 1.50
Extra select, fancy stock	per 100,	15.00

Order now and secure finest stock at right prices. You cannot afford to be without Poinsettias for Xmas trade.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

Florists' Auctioneers.

XMAS GOODS--ALL KINDS.

We are booking orders on all the followiog goods for December delivery. We guarautee our prices as low as any reputable house:

Select Delaware Holly.....per case, $4.50
" " " .....5 cases, 20.00
Bouquet Green, scarce. Write or telegraph for prices.
Bouquet Green Wreathing, per 100 yds, 4.00 to 5.00
Holly Wreaths, Green Wreaths, Mistletoe,
Wild Smilax, Xmas Trees, Needle Pines,
Cape Flowers, Immortelles and all decorative stock at lowest prices.
Immortelles, yellow .....per doz. bunches, $2.25
" all other colors, " " 2.50

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00;	6 for	$5.00
" " wire pressed "	.75; 6 for	4.00
Tobacco Stems, fresh, 200 lbs for		1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100		15.00
Cape Flowers, white, per lb		1.00
" colored, "		1.50
Tissue Paper, manilla, per ream		.50
" " white, "		1.00
Wax " manilla, "		1.40
" " white, "		2.00
Doves, first quality, ea. $1.00; per doz.		10.00
" second " .85; "		9.00
Rubber Aprons, ea. $1.50; per doz.		15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

FLORISTS' RIBBONS
Order Now for Christmas.

Some of the colors we supply are **American Beauty, Bridesmaid, Meteor, Holly-Berry, Lavender, White, Cream, Purple, Green, Yellow, Orange, Lilac, Pink, Violet, Black,** and all the different shades of leading colors. Send us your order now. You cannot duplicate this quality of Ribbon for less than 20 per cent. higher prices.

No. 2	No. 5	No. 7	No. 9	No. 12	No. 16	No. 22	No. 40	No. 60
25c	45c	60c	75c	90c	$1.10	$1.30	$1.75	$2.00

The prices quoted are for ten-yard bolts.

McKellar & Winterson,
45-47-49 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

COLORING FLOWERS.

A subscriber sends us a clipping which he says was cut from a Sunday school paper in which some remarkable misinformation is given, of which the following is a sample:

Suppose you had a white carnation and some one would say he could make the plant bear blue and green flowers. Suppose he would tell you he could make the pale yellow daffodil, scarlet, and the spotless lilies-of-the-valley pink, what would you say? Yet florists have learned that by putting certain dyes in the water with which they nourish their plants, the color of the flower can be entirely changed.

The writer goes on to say that many flowers can be "artificially colored by this process." That is probably where the paragrapher got mixed. He read something about the artificial coloring of natural flowers by absorbing aniline dyes when placed in them after being cut, and elaborated the rest out of his own mind.

A number of artificially colored carnations once sent the writer were a remarkable aggregation. Rings of several different colors appeared in each flower. It was, of course, accomplished by the absorption through the stem of various dyes, but the process has no commercial value and the flowers sent were merely curiosities.

SURPLUS STOCK - MUST HAVE ROOM.

THIS OFFER FOR ONE WEEK ONLY.

Baby Primrose	(in flats) at	$2.00	per 100.
" "	2-inch... at	3.00	"
" "	2½-inch.. at	4.00	"

Send for list and prices of Plants and Rooted Cuttings.

Terms Cash or C. O. D.

Vinca Variegated	2¼-in., at	$2.50	per 100
" "	3-in ... at	4.00	"
" "	3½-in .. at	8.00	"
" "	4-in .... at	10.00	"
" "	5-in .... at	15.00	"
" "	Rooted Cuttings, at	$10.00	per 1000; $1.25 per 100.

Will exchange for Elm City and Phenomenal Fuchsia Stock Plants.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

MASON CITY, IA.—Krieger & Klemm have remodeled their greenhouses and added a palm house, giving them a total of 5,000 feet of glass.

WEST MOORESTOWN, N. J.—G. G. Papsch, formerly with LaRoche, at Collingsdale, Pa., has established himself in business on his own account here.

LOCKPORT, N. Y.—Chas. L. Dole bought a Lehman wagon heater last season and reports that it works to perfection, is very economical and satisfactory in every way.

BANGOR, ME.—Carl Beers, the florist, has invented an appliance for reducing the cost of fuel. An aluminum fan is made to revolve in the tail chimney in such a way as to force the draught and make it possible to use coal dust as fuel. He has also applied for a patent on what he calls "Coaline," formed of coal dust and other ingredients pressed into cakes.

HUNDREDS of Florists are using our Pulverizers. You can regulate it.

Send for list of testimonials.

Patent allowed February 27, 1900.

No. 1, $5.00;
No. 2, $10.00;
No. 3, $20.00

THE FLORISTS' SUPPLY CO.,
North
Tonawanda, N. Y

Always Mention the....
Florists' Review
When Writing Advertisers

NEPHROLEPIS WI

These three engravings from photographs tell a story that should
This fern has proved to be even better as a commercial plant than
opinion of it at the start, too. Note the growth in the bench of y
that you cannot afford to be without. There is no speculation in investing in this grand money-making Nephrolepis. The demand will be immense next year and you ought to have a stock ready. **A dozen plants now will prove the best investment you ever made. Send in your order now.**

A Bench of Neph

N. Wittboldii is the Boston Fern with much wider fronds and the margins of the pinnae much more undulated. It is a much more decorative plant, as strong (if not stronger) grower, as quickly (if not more quickly) propagated, and just as tough and lasting as a house plant.

Plant of Nephrolepis Wittboldii.

Remember we are not sending ou
that will immediately pr

IF YOU CATALOGUE NC
INCLUDE N. WITTBOLDI

SEE OUR OFFERS OF **Palms**

IN CLASSIFIED ADVS. IN THIS IS

The GEO. WITTBOLD CO.,

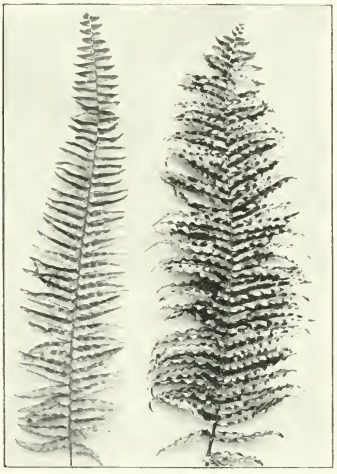
TBOLDII.

t you because it means money to you. nticipated, and we had a mighty good plants in the photograph. It is a fern

oldii Photographed Nov. 19.

puny plants, but Strong, Vigorous Stock unners if planted out in bench.

ES YOU WOULD DO WELL TO
UR LIST. WRITE US ABOUT IT.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

OUR stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots at

$1.00 each,
$10.00 per dozen,
$75.00 per 100.

Orders filled in rotation as long as present stock lasts.

erns, Asparagus, Araucarias, cus and Dracænas

F THE REVIEW. PUT IN YOUR CHRISTMAS STOCK OF PLANTS NOW.

Buckingham Place, **CHICAGO, ILL.**

AMERICAN CARNATION SOCIETY.

Carnations Registered.

Lorna—Pure white. A great improvement on White Cloud in the following: Longer and stronger stems, larger and better formed flowers, earlier bloomer, and a much more satisfactory growth. The habit is all that can be desired. By F. Dorner & Sons Co., Lafayette, Ind.

Midnight Sun—A bright crimson, much brighter and livelier in color than Maceo; also much larger in size; stems long and strong. A free and early bloomer with good habit and a good, strong calyx.

Lancaster Pink—A good, rich color, very large flower, with good calyx and long, strong stems. An early and continuously free bloomer. In growth strong and healthy. By Elmer J. Weaver, Bird-in-Hand, Pa.

Special Notice.

Any carnation enthusiast who wishes to award any special premiums at the exhibition to be held in Baltimore, Md., Feb. 21st and 22d, should forward full information of the same at once to the secretary, Albert M. Herr, Lancaster, Pa., so as to get them into the premium list, which goes to press early in December.

In connection with the exhibition there will be held a general lecture on carnation diseases by Prof. Wood, of Washington, D. C., and a general discussion on the subject of stem rot. Also a paper on Hybridization, by Peter Fisher, of Ellis, Mass., and other subjects of importance to carnation growers.

All who are interested in carnations should attend the meeting, and questions of interest for the question box can be sent to the secretary at once so that suitable answers can be secured.

Albert M. Herr, *Sec'y.*
Lancaster, Pa.

Good employes are hard to find and not easy to grow. Encourage some one of yours by making him or her a present for Christmas of our $5.00 copy of "The Florists' Manual."

OWENSBORO, KY.—The principal winners of prizes at the recent chrysanthemum show were T. C. Milne, James Morton (Clarksville), Mrs. Lambert and Mrs. Morton.

DANVILLE, ILL.—Peter J. Walker, of the Logan Avenue Greenhouses, has filed a petition in bankruptcy.

PHILADELPHIA, PA.—Fire did serious damage to the greenhouses of Julius Koehler & Sons Nov. 16. The loss is estimated at $2,000.

PASADENA, CAL.—The annual Tournament of Roses will be held January 1 next.

FOREST CITY, ILL.—A greenhouse establishment is to be built here, consisting of three houses each 20x70. Eugene Secor is interested.

COLORADO SPRINGS, COLO.—It is reported that William Gibbons, for many years an employe of the Union Pacific railroad at Ogden, Utah, is about to establish the Inter-Mountain Floral Co., with headquarters in this city and branches in all the leading towns in this and adjoining states.

FARMER CITY, ILL.—McDonald, Barnes & McConkey now have their new establishment in fine condition and say business has begun satisfactorily.

ROCHESTER, N. Y.—On Nov. 18 fire destroyed the barn owned by John Dobbertin & Son, the florists, causing a loss of $250, with no insurance.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale Ill
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WHOLESALE GROWER OF ROSES. DEALER IN CUT FLOWERS
J. A. BUDLONG,
37-39 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

WEILAND-AND-RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
...YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS

WHOLESALE STORE, MINNEAPOLIS, MINN.
For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.
BRANT & NOE, 124-128 Sixth Street, N.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

BENTHEY & CO.
P. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

A. H. POEHLMANN,
Wholesale grower of and dealer in
CUT FLOWERS.
55 and 57 Wabash Ave., CHICAGO, ILL.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1402 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St.,

CHICAGO.

PRICE LIST.

Subject to change without notice.

	Per 100.
Beauties, long	$30.00 to $40.00
" medium	18.00 to 25.00
" short	8.00 to 12.50
Brides, Maids	4.00 to 6.00
Meteors	4.00 to 6.00
Perles	3.00 to 5.00
Roses, our selection	3.00
Carnations	1.25 to 1.50
" named varieties	2.50 to 4.00
Violets	1.25 to 1.75
Valley and Romans	4.00 to 5.00
Narcissus	3.00 to 4.00
Adiantum	.75 to 1.00
Chrysanthemums, Fancy, per doz	2.00 to 3.00
Medium, "	1.25 to 1.75
Common Ferns, selected	per 1000, 2.00
Smilax	per doz., $1.25 to 1.50
Asparagus	" 6.00
Leucothoe Sprays	per 100, 75c to 1.00
Galax, Green	per 1000, 1.50

Mahonia Leaves, Per 100, $1.00

A WORD to GROWERS of CARNATIONS: We have sold the cut of IRENE a pink carnation, and consider it one of the best commercial sorts we have ever handled.

WE ARE NOW BOOKING ORDERS for CUTTINGS. PLACE YOUR ORDERS NOW.

$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Floral Fancies, Language of Flowers,

TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

CHEAP-TO CLOSE OUT

BOSTON FERNS The true variety, from 2½-in. pots $4.00 per 100; $35.00 per 1000.

Don't be afraid that our stock of Boston Ferns will run out. We have sold 75,000 the past six weeks, but still have 125,000 fine plants on hand. Better buy now as price is sure to advance.

Asparagus Sprengeri, from 2½-in. pots, strong plants, $2.50 per 100; $20.00 per 1000.

Acalypha Sanderi, from 2½-in. pots, $3.00 per 100; $25.00 per 1000.
" " from 3-in. pots, strong plants, $5.00 per 100.

Crotons, twelve best bedding varieties, from 2½-in. pots, elegant plants, $3.00 per 100; $25.00 per 1000. These will be fine to shift on for next year's bedding.

Ponderoso Lemon, largest lemon grown; bears fruit weighing two pounds and over. Is bound to become a popular plant. It fruits when quite small. Fine plants from 2½-in. pots, $1.00 per dozen, 7.00 per 100. Strong plants, ready to bloom at once, $1.50 per doz.

Calla Lilies, 1¼ to 1½-in. diam., 75 cents per dozen; $5.00 per 100.
" 1½ to 1¾ " $1.25 " 7.00 "

The Two New Russelias, Lemoinei Multiflora and Lemoinei Elegantissima, 50 cents per dozen; $3.00 per 100.

Bougainvillea Sanderiana, from 2½-in. pots, $6.00 per 100.

Weeping Lantanas, 2½-in. pots, $2.00 per 100; $18.00 per 1000.

Otaheite Orange, from 2½ in. pots, $4.00 per 100; $25.00 per 1000.
" " " 3 " 4.50 " 40.00 "

Ficus Elastica, perfect specimens of this fine rubber plant, 15 to 18 inches high, $3.25 per dozen; $25.00 per 100.

Araucaria Excelsa, Norfolk Island Pine, fine plants, 4 tiers of leaves, $1.00 each; $10 per doz.

Roses. All the leading varieties of Teas from 4-in. pots, fine plants in perfect health, $8 per 100.
" All the leading varieties of Hybrid Teas, from 4-in. pots, elegant stock, $10 per 100.

Marechal Niel Roses, 15 inches and over in height, healthy plants, $1 per 100; $15 per 1000.

Send us your list of roses for quotation. Our Fall Trade List of all kinds of Rose Plants and Bulbs now ready. Write for it.

THE GOOD & REESE CO., The Largest Rose Growers in the World. Springfield, Ohio.

Mention The Review when you write.

Good Stock--Cheap.

MYOSOTIS PALUSTRIS, 3½-inch pots.
JAPANESE PRIMROSE, " "
ACHILLEA, THE PEARL, " "

$3.00 per hundred; $25.00 per thousand.

CASH PLEASE.

EDWARD B. JACKSON, Stamford, Conn.

Mention The Review when you write.

TO CLOSE OUT

AT VERY LOW FIGURES FOR WANT OF ROOM.

5,000 Kentias Belmoreana and Forsteriana, 2½-inch pots, $8.00 per 100, $75.00 per 1000.

10,000 Latania Borbonica, 3½-inch pots, $7.00 per 100, $65.00 per 1000.

4,000 Latania Borbonica, 4-inch pots, $15.00 per 100, $140.00 per 1000.

Orders taken now for Rooted Carnation Cuttings of all leading varieties.

HARMS PARK FLORAL CO., Berteau Ave., near Western Ave., CHICAGO.

Mention The Review when you write.

CANADIAN HOLIDAY EXCURSIONS VIA THE WABASH.

From Chicago to Canadian points, one fare for the round trip. Good to leave Chicago, December 13, 14, 15 and 16. Write for full particulars. Ticket Office, 97 Adams street.

500,000 VERBENAS....

60 finest named varieties including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST.

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

PINKS for Spring Blooming—The proper sorts—Clothilde Soupert, Gen'l Jacqueminot, La Fraicheur, Coquette des Blanches, Coquette des Alpes, etc., fine one and two year field grown plants that have never been forced suitable for 5-in. pots, at 5c. Also some extra strong suitable for 6 or 8-in. pots, at 9c. Large flowered Clematis for forcing, Purple, White and Lavender sorts, from 5-in. pots, 18c. Also some one year field-grown at a low figure. Clematis Paniculata, fine three year plants, 10c; fine two year, 6c. Packing free for cash. Have also some second hand 3 and 4 in. pipe to offer cheap.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

WHERE are you going to buy your Holly? Our stock is now ready for shipment. Sample 1-lb. box, $1.00.

Send for it. It's strictly fine. CALDWELL THE WOODSMAN CO., EVERGREEN, ALA. P. S.—We also sell some Wild Smilax.

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK.

Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

TOLEDO, OHIO.

A prominent feature of the chrysanthemum season has been the really fine display made at the new city greenhouses at Walbridge Park. Upward of sixty varieties were shown, and as no pains have been spared in their development the collection would be hard to surpass. The park commissioners have made special efforts to popularize the exhibition, and in addition to frequent public days have had the greenhouses open on certain evenings, lighted up by electricity, with a band in attendance, thus giving promenade concerts, which proved very attractive. No flowers are sold, but many have been sent to public institutions, such as the library, hospitals, etc. So, as Superintendent Ziems remarked in speaking of the matter, they do not come into competition with the florists, but rather help them by educating the public taste.

Most of our local florists have put up an unusually good show of chrysanthemums this season, and with a fairly steady demand all desirable stock will be pretty well cleared out by the close of Thanksgiving week.

Mr. Chas. R. Rode, who has been engaged with a leading local florist for several years, has embarked in business for himself in a good location out Adams street, where he will make a specialty of cut flowers, designs, etc. Mr. Rode is an energetic young man, and his experience and wide acquaintance betoken his success. B.

AUGUSTA, GA.—The Alexander Seed Co., this city, has received an order from the French minister at New Orleans, for several varieties of cotton seed, which are to be planted in the Bahama Islands by French colonists.

DENVER, COLO.—The annual state horticultural convention was held in the horticultural rooms at the state capitol Nov. 21, 22 and 23. The program was very timely and interesting.

WHEELING, W. VA.—A chryanthemum bazaar was held here Nov. 20 and many florists competed.

THE Cape Jasmine is being urged for adoption as the state flower of Mississippi.

COLORADO SPRINGS, COLO. — Smith's greenhouses, in Ivy Wild, a suburb, were blown down and burned during the storm Nov. 21. The wind reached a velocity of eighty-five miles an hour. Many buildings were injured, but there was no loss of life.

OMAHA, NEB.—Fire did some little damage in the seed store of S. B. Stewart Nov. 20. Loss not serious and covered by insurance.

PENN YAN, N. Y.—The chrysanthemum show was very successful. Among the out-of-town exhibits were the following: Chryaanthemums from the private greenhouse of Mrs. W. S. Kimball of Rochester; a large exhibit of the prize flowers that received the first prize at the exhibit recently held in New York City; and exhibited by John Roody, gardener for John Sloat Fassett, of Elmira; Salter Brothers, Rochester; Miller & Sons, Honeoidale, Canada; Nathan Smith & Son, Adrian, Mich.; Hoffman, Elmira; Rawson, Elmira; E. A. Higgins, Avoca and Cass Brothers, Geneva.

TROY, O.—The thirty-fourth annual meeting of the Ohio State Horticultural Society will be held here Dec. 5, 6 and 7.

MUSCATINE, IA.—A successful meeting of the Southeastern Iowa Horticultural Society was held here Nov. 20 and 21.

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I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.:	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant, 2¼-inch pot,	8 to 10 inches high		$15.00 per 100	
1 " 3 "	10 to 12 "		20.00 "	
1 " 4 "	18 inches high		.50 each	
3 " 5 "	18 "		1.00 "	

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.:	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.:	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

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HARDY CUT FERNS

In 1000 lots, 75c per M. Discount on larger orders.

Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

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CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia grandiflora, Gypsophila Paniculata, Hibiscus** Crimson Eye, Cluster's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $4.00 per 100, $45.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St. HOLLAND, Mich.

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BEGONIA REX, 3-inch pots, in good assortment, $6.00 per 100.

ASPARAGUS PLUMOSUS NANUS, 3-inch pots, fine stock, $7.00 per 100.

VINCA MAJOR VARIEGATA, field-grown, extra strong, $6.00 per 100.

NEW GERANIUMS, including Jean Viaud and other choice sorts.

Stock plants of all the best CHRYSANTHEMUMS.

Send us list of wants for prices.

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Meteors, Brides, Maids, A. Vic. K., Perles, Beauties, Liberty, Golden Gate, LaFrance, Belle Seibrecht, Pres. Carnot.

Rooted Cuttings now ready. Write us.

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PRIMROSES,

Chinese, large flowering, 2-in. pot, $1.25 per 100.

ASPARAGUS

Sprengeri, 2-in., $2.50 per 100.
Plumosus, 2-in., $3.50 per 100.

JOS. H. CUNNINGHAM. DELAWARE, OHIO.

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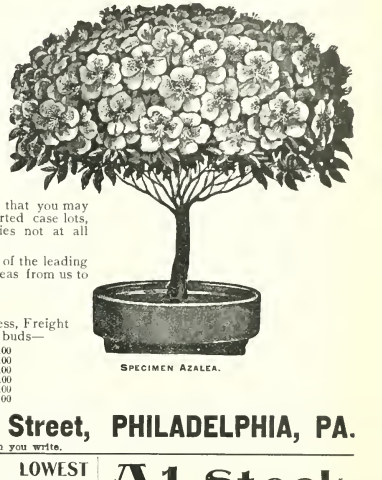
BECAUSE We can give you any special assortment of varieties that you may wish. This is a great advantage over the usual assorted case lots, sent over from Belgium, which invariably contain many varieties not at all suited to the American market.

BECAUSE We wish to convince you as we have convinced many of the leading florists of the United States, that you can buy Azaleas from us to better advantage than if you make your own importations.



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Include duty, packing and delivery in good condition to any Express, Freight or Steamship Line in Philadelphia. Fine bushy crowns, well set with buds—

10 to 12 inches in diameter				per doz.,	$ 4.50; per 100, $ 35.00
12 to 14	"	"	"	"	6.00 " 45.00
14 to 16	"	"	"	"	7.50 " 55.00
16 to 18	"	"	"	"	12.00 " 90.00
18 to 20	"	"	"	"	25.00 " 200.00
20 to 24	"	"	"	"	36.00 " 300.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

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SURPLUS STOCK SALE.

Hyacinths.	12	100
Dutch, 1st size, separate color	$ .50	$3.50
Fine named sorts, our choice	.75	5.75
Miniature Hyacinths, our choice, named	.40	2.25
	Per 100	Per 1000
Narcissus. Von Sion, extra size	1.25	11.00
" fine bulbs	1.00	8.00
" Trumpet Major	.85	7.00
" Alba pleno odorata	.75	6.50
" All sorts and Trumpets, single and double mixed	.75	6.50

Tulips. MUST BE SOLD. Make bid on following: La Reine, La Candeur, Yellow Prince, Rosamundi, Hugkinan, Montresor, Murillo, Rex Rub., Duke of York, Joost V. Vondel, etc.
Single and double mixed, 100, 75c; 1000, $6.50.

CYCLAMEN Persicum Giganteum bulbs, finest strain in five separate sorts, per 12, $1.10; per 100, $7.50.

SPOTTED CALLA, 12, 50c; 100, $3.00.

EXTRA OFFER. **Lil. Longiflorum**, 8/7, 100, $1.60; 100, $15.00. 7/9, 100, $2.50; 1000, $20.00, as long as they last. Above is all FINE, SOUND, A No. 1 stock, offered at bargain prices.

JAPAN FERN BALLS. Due in December. Send for circular. **Fresh Crop Sweet Pea Seed.** All popular sorts, 20c-25c a lb.

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Est. 1878. **47 Barclay St., New York.**

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COPE'S PET	.50c per 100
LADY ISABEL	.50c "
PARIS DAISIES	.75c "
LITTLE GEM FEVERFEW	.75c "

Cash with order.

FORT DODGE GREENHOUSE CO.,
H. E. METTING, Manager,
FORT DODGE, IOWA.

BOSTON FERNS!

FOR HOLIDAYS.

All sizes—2½, 3, 4, 5, 6 and 7-inch. Write us for prices on small or large lots.

GEO. A. KUHL, - PEKIN, ILL.

CHINESE PRIMROSES. Red, white and mixed, for Christmas blooming, 4-in., in large bud, $6 per 100; without bud, $4 per 100.
SAMUEL WHITTON, 15-16 Gray Ave., Utica, N. Y.

Choicest Stock. LOWEST PRICES.

VERBENAS, 20th Century Collection now ready. The finest set of New Mammoth Verbenas in America. 25 grand sorts, strong 2-inch pot plants, $2.00 per 100; strong rooted cuttings, 60c per 100; $5.00 per 1000.

COLEUS, our champion collection embracing the newest sorts and only those of decided merit, strong 2½-inch, $1.50 per 100, (special).

GERANIUMS, strong 2-inch, mixed colors, $1.50 per 100. Strong R. C. of Brunnti and Heteranthe, best scarlet bedders and all colors mixed, $1.25 per 100; $10.00 per 1000, (special). Mme. Salerol, strong 3½-inch, $1.50 per 100; 2-inch, $1.25 per 100. Rose Geraniums, strong R. C., $1.00 per 100, (special).

NEW AGERATUMS, Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2½-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2½-in., ready for 3-inch, $2.00 per 100, (special).

ROSES, strong 2½-inch Brides and Maids, $2.00 per 100, (special).

NEW DBLE. FRINGED PETUNIAS. The set we are to send out this season is a record breaker. Strong R. C. ready Dec. 10th. Place your orders early for this collection.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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PALMS... and BOSTONS

WALTER RETZER & CO.
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A1 Stock.

Asparagus Plumosus Nanus,

EXTRA FINE, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1000.

Asparagus Sprengeri,

From 2½-in. pots, $2.50 per 100; $20.00 per 1000.

English Ivy, Extra good. From 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Hydrangea "Otaksa" and "Hogg," good **field-grown** plants, 3 to 6 branches, $1.50 per doz.; $10.00 per 100.

Hydrangea "Otaksa" and "Red Branched," from 2½-inch pots, well rooted, 50c per doz.; $3.00 per 100.

Honeysuckle, "Halls" and "Belgica," Field-Grown, two years old, strong, $4.00 per 100.

Vinca (Trailing), Green and Variegated, from 4-inch pots, Field-Grown, 75c per doz.; $6.00 per 100. From 3-inch pots, 60c per doz.; $4.50 per 100.

All orders amounting to $5.00 will be sent F. O. B. New York City. Those from unknown correspondents will be forwarded C. O. D.

SEAWANHAKA GREENHOUSES,
WM. L. SWAN, Proprietor.
Lock Box 227, OYSTER BAY,
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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.

DETROIT.

On Nov. 19 thirty-five members of the Detroit Florists' club went to Mount Clemens to pay their annual visit to the florists of the "Bath City." The large establishment of Breitmeyer & Sons was first on the list, and the unanimous opinion of the visitors was that the condition of everything was far superior than at any previous visit, the chrysanthemums being especially fine. Some of Smith's new ones were in splendid form, notably Arline.

Robert Klagge's was the next stop, where the finest house of Daybreak carnations that it has ever been the writer's privilege to see was found. Violets grown in bottomless pots were also fine, but Mr. Klagge would not as yet say whether the growing in such pots was any advantage.

James Taylor's and John E. Carey's plants were also found in the usual good condition. Each of these growers has added more glass this season, Mr. Carey having built a house for Beauty, but could not complete it in time to plant this year. After a wind-up at the bowling alleys the party came home, all well pleased with the outing.

The club has arranged a program for all its meetings until June, and President Rackham has partially arranged with Prof. L. R. Taft, of the Agricultural college, to give a lecture to the club in March. Several applications for membership are to be balloted on at the next meeting, so we are in a prosperous condition, so much so that we think we would like to have the Carnation Society come here in 1902.

Oh, this summer weather—60 degrees out of doors at 9 p. m., Nov. 20, and the florists are expected to pay their bills.

RAG.

HAZELHURST, MISS.—The fourth annual chrysanthemum show was held Nov. 14 and 15. The exhibitors were all amateurs.

CRYSTAL SPRINGS, MISS.—The sixth annual chrysanthemum show of the Crystal Springs Floral Club was held Nov. 15. The exhibitors were nearly all ladies, and it is said that the blooms were often superior to those sent by out-of-town florists for display.

HOUGHTON, MICH.—Miss Grace Cavan has opened a floral department in B. T. Barry's drug store.

AUSTIN, MINN.—The eight annual meeting of the Southern Minnesota Horticultural Society was held here Nov. 20, 21 and 22. There was a very interesting program of papers and discussions.

JANESVILLE, WIS.—Messrs. Long & Hudson, the florists, gave a chrysanthemum show at their greenhouses Nov. 20, 21 and 22, that was admired by a host of visitors and was warmly praised by the local press.

INDEPENDENCE, IA.—The Hospital for Insane has just completed a new house, 16x100, for bedding plants and flowers for the hospital. John Eland is gardener.

WATERTOWN, N. Y.—A snowstorm recently did serious damage to the greenhouses of W. R. Skeels, the loss being estimated at nearly $2,000. Green & Underhill had a small loss in broken glass from the same storm.

MINNEAPOLIS, MINN. — The Minnesota State Horticultural society will hold its thirty-third annual meeting Dec. 4, 5, 6 and 7, at Plymouth Church. The Minnesota Forestry Association, the Minnesota Beekeepers' Association and the Women's auxiliary will meet in the same building on the same days.

We are booking orders for Rooted Cuttings of **CARNATIONS.**
All the best varieties. Write us.
GEO HANCOCK & SON. Grand Haven, Mich.
Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!
WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH
OUR CANDIDATES
Roosevelt and Prosperity
The Best Two Carnations in Sight. You can get them at
ORDER EARLY. **THE COTTAGE GARDENS, Queens, N. Y.**
PRICES: ROOSEVELT, $12 per 100, $100 per 1000.
PROSPERITY, $16 per 100, $130 per 1000.
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Unrooted Carnation Cuttings.

	Per 100	Per 1000		Per 100	Per 1000
Morning Glory, the coming Daybreak	$2.50	$20.00	Mary Wood, white	$1.00	$7.50
Mrs. Bartlett (Dorner) scarlet	2.50	20.00	Gold Nugget, yellow	1.00	7.50
Genevieve Lord, light pink	1.50	10.00	Gen. Maceo, maroon	1.50	12.50
E. Crocker, fine pink	1.75	12.50	Gen. Gomez, dark red	1.25	10.00
Mrs. F. Joost, pink	.75	5.00	Morning Glory, Rooted Cuttings	5.00	40.00
Glacier, white	1.00	7.50	G. H. Crane, scarlet "	2.25	20.00

25 Cuttings at 100 rates; 250 at 1000 rates.

PLANTS.

	Per 100		Per 100
10,000 Coleus, named varieties, 2¼-in	$1.50	3,000 Cedum Variegatum, 2¼-in	$1.50
20,000 Alternantheras, red and pink, 2¼-in	1.50	5,000 Cigar Plants, 2¼-in	1.50
1,000 Salvias, 2¼-in	1.50	1,000 Asparagus Plumosus Nanus, 3-in	5.00
1,000 True Boston Ferns, 3-in	$5.00 per 100		

THE MORRIS FLORAL CO., Morris, Ill.
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Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.
HOLLY WREATHS. Only first-class materials used—fresh green leaves plentifully clustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.
NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine block of Japanese Plum.
PLANTS. Can furnish anything you wish in plants.
☞ GOODS ARE THE BEST. PRICES ARE LOW.
Write for Particulars. **W. W. PULLEN, Nurseryman and Fruit Grower, MILFORD, Del.**
Mention The Review when you write.

NOTICE! TO WHOM IT MAY CONCERN.
Offer to hold good as long as stock lasts
NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1,00; $1.50 per 100.
HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100. " for forcing in pots, extra fine, separate colors, $4.00 per 100.
TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.
CROCUS, in separate colors, $2.00 per 1000.
CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.
GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.
AZALEA INDICA, all sizes and varieties, only a few left.
Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil, Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**
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Burpee's Seeds Grow

Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders, I'll make it worth the trouble of writing for prices now

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

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ROOT YOUR OWN CARNATION CUTTINGS.

Not having room, we offer the following nice unrooted cuttings, or pips, until further notice:

	Per 100	Per 1000
Morning Glory, shell pink	$2.50	$20.00
G. H. Crane, scarlet	1.50	10.00
Peru white	2.00	15.00
Genevieve Lord, light pink	1.50	10.00
Gold Nugget, yellow	1.50	10.00
Mrs. Bradt, variegated	1.50	10.00
America, scarlet	1.25	9.00
Mary Wood, white	1.25	9.00
White Cloud	1.25	9.00
Gen. Maceo	1.50	10.00
Mrs. Bartlett (Dorner), scarlet	2.00	15.00
Mrs. F. Jenst pink	.50	4.00

BY MAIL, CASH OR C. O. D.

H. E. MITTING, FT. DODGE GREENHOUSE CO.

FORT DODGE, IOWA.

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Genevieve Lord

The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants. New and Old Varieties. Write for prices.

H. WEBER & SONS Oakland, Md.

"IRENE"

The new Commercial Pink Carnation

Orders booked now.

Cuttings delivered soon as rooted.

Crabb & Hunter, Grand Rapids, Mich.

E. G. Hill & Co.

Wholesale Florists,

RICHMOND, INDIANA.

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Orders Now Booked for ROOTED CUTTINGS of CARNATIONS.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. **Cash with order.**

CHRISTIAN SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free; stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100.00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation The winner of the Lawson Gold Medal in 1900. **$16.00** per 100; **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100; **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. Price $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

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PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

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NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

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Geranium America!

A QUEEN AMONG GERANIUMS.

COLOR from purest white to deepest rose.
DWARFNESS, just right.
FLORIFEROUSNESS, astonishing.
Strong Plants, $8.00 per 100. 25 at 100 rate.
Ready now.

HENRY EICHHOLZ, - Waynesboro, Pa.

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GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.

DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.

Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street, BROOKLYN, N. Y.

THE MODEL ROSE STAKE Looped and Pointed.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Savitzii, trailing, and five others. $1.50 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., strong plants, $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Acalypha Sanderii, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Cope's Pet and Lady Isabelle, rooted cuttings, 50c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Louise Bonnett, Princess Pauline, Cope's Pet, White Cap, 50 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ALTERNANTHERA.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

20,000 alternantheras, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Sweet alyssum, 60 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ANTHERICUM.

Anthericum variegated, 3-in., fine stock ready for 4-in., $4.00 per 100. Cash.
Beach & Chessman, Richmond, Ind.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, fine plants, well furnished, 3-4 tiers, $9.00 per doz., $65.00 per 100; 4-5 tiers, $12.00 per doz., $90.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Araucaria excelsa, fine plants, 4 tiers of leaves, $1.00 each; $10.00 per doz. The Good & Reese Co., Springfield, Ohio.

ASPARAGUS.

	Pot.	Doz.	100.
Plumosus Nanus	4-inch	1.50	12.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.60 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in, $3.50 per 100; $30.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. Sprengeri, 2½-in., strong plant, $2.50 per 100; $20.00 per 1000. The Good & Reese Co., Springfield, Ohio.

A. Sprengeri, 2-in. pots, $2.50; A. plumosus, 2-in. pots, $3.50 per 100. Cash please.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. Sprengeri, 2½-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

1,000 A. Sprengeri, 4-in., $1.00 per doz.; $7.00 per 100. Ben. L. Elliott, Cheswick, Pa.

A. plumosus nanus, 3-in., fine stock, $7.00 per 100. N. Smith & Son, Adrian, Mich.

A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

A. Plumosus, fine 3-in. stock, $5.00 per 100. Van Wert Greenhouses, Van Wert, Ohio.

A. Sprengeri, 2-in., $2.50 per 100. Cash.
Beach & Chessman, Richmond, Ind.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

Sprengeri, strong 4-in., $8.00 per 100. Cash.
Roney Bros., West Grove, Pa.

AZALEAS.

Special prices for immediate orders. Fine bushy crowns, well set with buds:

	Doz.	100.
10 to 12 in. in diameter	$ 4.50	$ 35.00
12 to 14 in. in diameter	6.00	45.00
14 to 16 in. in diameter	7.50	55.00
16 to 18 in. in diameter	12.00	90.00
18 to 20 in. in diameter	25.00	200.00
20 to 24 in. in diameter	36.00	300.00

These prices include duty, packing and delivery in good condition to any express, freight or steamship line in Philadelphia.
H. A. DREER, 714 Chestnut St., Philadelphia, Pa.

Azeleas—Received 20,000 in the best New York market varieties, sizes as follows:

	Doz.	100.	1,000.
8-10 inches diam	$ 3.50	$27.50	$250.00
9-11 inches diam	4.00	30.00	285.00
10-12 inches diam	4.50	35.00	325.00
12-14 inches diam	6.00	42.50	400.00
14-16 inches diam	7.50	55.00	525.00
16-18 inches diam	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each. Send for our special price list of bulbs.
BOBBINK & ATKINS, Rutherford, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Begonia Gloire de Lorraine Nana Compacta, 2¼-inch pots, $15.00 per 100. Begonia Caledonia, "The White Lorraine," 3½-inch pots, $5.00 each. This stock guaranteed absolutely free from disease. Thomas Roland, Nahant, Mass.

Alba picta, Argenta guttata, Feasti and Marguerite begonias, $2.50 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

Begonia Rex, 3-in., in good assortment, $6.00 per 100. N. Smith & Son, Adrian, Mich.

Gloire de Lorraine, strong 3-in., $3.00 per doz. Cash. Roney Bros., West Grove, Pa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., $6.00 per 100. Good & Reese Co., Springfield, Ohio.

BULBS.

Surplus Stock Sale.

Hyacinths—	12.	100.
Dutch, 1st size, separate color	$ .50	$3.50
Fine named sorts, our choice	.75	5.75
Miniature Hyacinths, our choice, named	.40	2.25

Narcissus—	Per 100.	Per 1,000.
Von Sion, extra size	$1.25	$11.00
Von Sion, fine bulbs	1.00	8.00
Trumpet Major	.85	7.00
Alba pleno odorata	.75	6.50
All sorts and Trumpets, single and double mixed	.75	6.50

Tulips—MUST BE SOLD. Make bid on following: La Reine, La Candeur, Yellow Prince, Rosamundi, Hugkinan, Montresor, Murillo, Rex Rub, Duke of York, Joost V. Vondel, etc. Single and double mixed, 100, 75c; 1,000, $6.50. Cyclamen Persicum Giganteum bulbs, finest strain in five separate sorts, per 12, $1.10; per 100, $7.50.
Spotted Calla, 12, 50c; 100, $3.00.
Extra Offer: Lil. Longiflorum, 5x7, 100, $1.60; 1,000, $15.00. 7x9, 100, $3.50; 1,000, $30.00, as long as they last. Above is all fine, sound, A No. 1 stock, offered at bargain prices. H. H. Berger & Co., 47 Barclay St., New York.

Bulbs at your own price. I will sell to parties offering highest price per 100 or per case: 100 9-11 Harrisii, 600 7-9 Harrisii, 800 5-7 Harrisii, 200 7-9 Bermuda longiflorum, 800 5-7 Bermuda longiflorum, 200 6-8 Japan longiflorum, 100 9-10 Japan longiflorum. Offers will be opened Monday, Dec. 3. Bulbs are in sound condition. Some more or less root-started, owing to lateness of season. Terms cash. When orders cannot be filled money sent will at once be returned. Dutch bulbs, hyacinths, crocus, tulips and Von Sion narcissus offered at 10 per cent less than trade wholesale prices.
C. H. Joosten, 85 Dey St., New York.

Cold storage valley, per case, 3,000 pips, $36.00. Single tulips, La Reine, $1.25 per 100, $10 per 1,000. Double tulips, Tournesol, red and yellow, $1.25 per 100, $12 per 1,000. Narcissus princeps, 60 cts. per 100, $5 per 1,000. Narcissus trumpet major, 90 cts. per 100, $8 per 1,000. Lilium longiflorum, prices on application. Stumpp & Walter Co., 50 Barclay St., New York.

Bulbs! Bulbs! White Romans, 12-15, at $1.60 per 100. Double Nosed Von Sion (large), $1.80 per 100. Paper Whites, at 90c per 100. Harrisii, 5-7, at $5.00 per 100; 7-9, at $10.00. Lilium Longiflorum, large flowering, 7-9, at $6.00 per 100. Special prices on Dutch Hyacinths and Tulips.
The Vail Seed Co., Indianapolis, Ind.

Bulbs now ready, Lilium Longiflorum, Japan, 5 to 7 in., $2.00 per 100, $18.00 per 1,000; 6 to 8 in., $3.00 per 100, $27.00 per 1,000; 7 to 9 in., $4.50 per 100, $40.00 per 1,000; 9 to 10 in., $90.00 per 1000. Lilium Harrisii, 7 to 9 in., $8.00 per 100; $75.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Japan Lilium longiflorum, 6 to 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. White Italian hyacinths, largest size, $8.00 per 1,000. Spiraea japonica clumps, $28.00 per 1,000. Spiraea japonica compacta multiflora, $40.00 per 1,000. J. M. Thorburn & Co., 36 Cortland St., New York.

Bulbs. Closing-out sale. Freesias, $2.00, extra large, $3.50 per 1,000. Trumpet narcissus, 75c per 100; $6.50 per 1,000. Princeps, 75c per 100; $6.00 per 1,000. A few 5-7 Harrisii, $3.00 per 100. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Spiraeas. Japonica, $3.50 per 100; $32.50 per 1,000. Compacta multiflora, $4 per 100; $35 per 1,000. Floribunda, $4 per 100. Chinese sacred lilies, in mats of 30, $1.25 per mat. Wm. Elliott & Sons, 54 Dey St., New York.

Gladioli May, the best light for florists' use or forcing. Extra large well ripened bulbs 2 inches or more, $1.00 per 100; $8.00 per 1,000, by express. P. O. Coblentz, New Madison, Ohio.

Callas, 1¼ to 1½-in. diam., 75c per doz., $5.00 per 100; 1½ to 1¾ in. diam., $1.25 per doz., $7.00 per 100. The Good & Reese Co., Springfield, O.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Two-year-old Hippeastrum (Amaryllis), of a very fine strain, $10.00 per 100. Cash. A Roeder, Shorb, near Los Angeles, Cal.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1,000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Old Man's Head cactus, 5-6 in., $3.00 doz. Collection of 25 var., $3.00 postpaid. J. A. McDowell, City of Mexico.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CANNAS.

Cinnebar, 35c each, $3.00 per doz. Miss Kate Gray, 25c each; $2.50 per doz. Black Beauty, true, $2.00 per doz. Cottage Gardens, Queens, N. Y.

Cannas, Papa, Alph. Bouvier, Flamingo, at $8.00 per 1,000; Italia and Austria mixed at $5.00 per 1,000. Jesse T. Ellis, Box 340, Griffin, Ga.

Flamingo, true. 40 clumps for $7.50. Cash.
Roney Bros., West Grove, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS

CAREX.

Carex japonica variegata, 2-in., fine, $1.50 per 100. Cash. Byer Bros., Chambersburg, Pa.

CARNATIONS.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100, $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100, $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $130.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

Carnations in A1 shape. Eldorado, Dana, Evanston, Portia, Scott, $3.00 per 100. Booking orders for cuttings of Lawson, Crocker, Lord, Marquis, Olympia, Estelle and Elm City at 25 per cent discount until Dec. 1. Dana R. Herron, Olean, N. Y.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Orders booked now for Ethel Crocker, the best pink carnation out. Rooted cuttings will be ready on and after Jan. 1. Price, $4 per 100; $30 per 1,000. Geo. Harrer, Morton Grove, Ill.

Choice, hand-fertilized, pedigree carnation seed grown from all the leading varieties, 100 seeds, 25c; 1000 seeds, $2.00; 500 at 1000 rate. Try it. S. Lenton, Box 264, Long Beach, Cal.

Carnation Peru, best winter blooming white to date. Rooted cuttings, $5.00 per 100; $35.00 per 1,000. A dozen fancy blooms sent on receipt of 60c. H. Roth, Lafayette, Ind.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Orders taken now for rooted carnation cuttings of all the leading varieties. Harms Park Floral Co., Bertean Ave., near Western, Chicago.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Carnation plants. 150 Iris Millers, 200 Albertinis, 400 Scotts, extra large plants, $6 per 100. Evenden Bros., Williamsport, Pa.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

Unrooted carnation cuttings. For list of varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

Write us for low prices on field-grown carnation plants. Van Wert Greenhouses, Van Wert, Ohio.

Rooted carnation cuttings. All the best varieties.
Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Scott and Portia, to close, $3 per 100. Cash.
Benj. Connell, West Grove, Pa.

CHRYSANTHEMUMS.

If you want good, strong, healthy plants, plants from prize winning stock, write to me for varieties and prices. At Chicago, St. Louis and Indianapolis I took 13 premiums; half first and half seconds on white, yellow, pink, bronze or any other color. Address, at once, Gunnar Teilmann, Marion, Ind.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

Chrysanthemum stock plants, from bench, 5c each. Pacific, Chalfant, Ivory, Queen, Childs, Philadelphia, M. Wanamaker, Domination, Indiana, Bonnaffon, Yanoma. Early sorts now ready. Joseph E. Bonsall, Salem, Ohio.

Stock plants of Glory of Pacific and G. Bramhall, $3.00 per 100. Satisfaction guaranteed. Other varieties later. Write for list. Geo. L. Miller, Newark, Ohio.

Col. D. Appleton, the finest yellow chrysanthemum to date. Orders booked now for spring delivery. Plants ready Feb. 1, 1901. Price, $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Chrysanthemum stock plants. Col. D. Appleton and Primo, $1.50 per doz. Chadwick, Lady Harriott, B. Halliday, T. L. Park, L. de October and Baer, 50 cts. per doz.
G. D. Lotze, Glen Burnie, Md.

Chrysanthemum stock plants, extra good; Bonnaffon, Bergmann and Maud Dean, etc., 75 cents per dozen, $4.00 per 100. Duly Bros., Randolph, Mass.

Stock plants of yellow Fitzwygram, earliest yellow, 10c each; $1.00 per doz. 35 standard var. at 5c. Cash. Cottage Greenhouses, Litchfield, Ill.

Stock plants ready now. Bergman, Kalb and Glory of Pacific, $1.00 per doz. Crabb & Hunter, Grand Rapids, Mich.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

Stock plants of all the best sorts. Send for list. N. Smith & Son, Adrian, Mich.

CISSUS.

Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100.
McGregor Bros., Springfield, Ohio.

CLEMATIS.

Large flowered clematis for forcing. Purple, white and lavender sorts, from 5-in., 18c; 1-year, field-grown, at low figure. C. paniculata, fine 3-year plants, 10c; 2-year, 8c. Packing free for cash. W. H. Salter, Rochester, N. Y.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

The newest sorts and only those of decided merit, 2½-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Coleus, 12 best sorts, 2½-in., $1.50; rooted cuttings, 50c per 100. Cash. Beach & Chessman, Richmond, Ind.

Coleus, 10 varieties, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen persicum, splendens giganteum, finest strain in the world, in four true colors. A splendid stock of plants, well set with buds, 4-in., $1.50 per doz., $12.00 per 100; 3-in., in bud, $7.00 per 100. I solicit patronage and guarantee satisfaction. Paul Mader, East Stroudsburg, Pa.

Cyclamen. Choice, healthy stock, all in bud, valuable for retailing. Stocky plants, 3 in., $5.00; 4 in., $7.00 per 100. Freeport Market Garden & Greenhouses, Louis Bauscher, Prop., Freeport, Ill.

Cyclamen giganteum, 2¼-in., $4.00; 3-in., $6.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00 per 100. C. L. Osborn, Sidney, Ohio.

Strong, 3-in. cyclamen, well set with buds, $7.00, 4-in., $10.00 per 100. Cash or C. O. D.
C. Winterich, Defiance, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New Marguerite. A great novelty for 1900. A cross betwen the yellow and white, is a constant bloomer, flowers four to five inches in diameter, fine for cut flowers, will keep for two weeks after being cut. Center half yellow, outer half pure white. Makes a fine pot plant. Will send free by mail 12 plants for $1.25; 6 plants, 75c. Order now if you want it.
S. Lenton, Long Beach, Cal.

$2.00 per 1000 to close out. Nice plants. Hardy daisies. Longfellow. Cash.
Byer Bros., Chambersburg, Pa.

Paris daisies, 75c per 100. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

DRACAENAS.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Dracaena indivisa, 3-in., ready for 4-in., $4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

ERICAS.

Erica Melanthera, best variety for florists' use, in bud now mostly, 5-in., $5.00 per doz.; 6-in., $7.50 per doz., 10-in., $25.00 per doz. Cash with order. H. Huebner, Groton, Mass.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	6-inch	6.00	
Nephrolepis cord. comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100. Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Fern spores. We are headquarters. Extra large pkt., sufficient for 3,000 plants, $1.00, postpaid. Collection of 12 best varieties, each in separate packages, $5.00 postpaid. Cultural directions with each order. Send for prices on Boston Ferns, Farleyense, etc.
E. C. McFadden, Short Hills, N. J.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1,000; largest size, $6.00 to $20 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Pteris albo-lineata, cretica nobilis, cretica alba, Wimsetti, serrulata, major cristata, $3.00 per 100; $25.00 per 1,000. Cash with order. J. F. Kidwell & Bro., 3810 Wentworth ave., Chicago.

Boston ferns. Runners, $1.00 per 100. 2½-in., $2 per 100; $18 per 1,000. From bench fit for 6-in., $10 per 100. Cash. Byer Bros., Chambersburg, Pa.

Boston ferns, 4-in., 5-in., 6-in., 7-in. pots; 10-in. and 12-in. pans. Dandy plants for Xmas sales. Mark Aitken, Springfield, Mass.

Nephrolepis cordata compacta and Bostoniensis, 2½-in., $4.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Lace ferns and Selaginella Emmeliana, 2½-in. pot size, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

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Boston Ferns from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

Boston ferns for holidays. All sizes. Write for prices on small or large lots.
Geo. A. Kuhl, Pekin, Ill.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Selaginella, from 3½-in. pots, $5.00 per 100.
John Reck, Bridgeport, Conn.

FEVERFEW.

Little Gem, 75c per 100. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$ 60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Ficus elastica, perfect specimens, 16-18 inches high, $3.25 per doz.; $25.00 per 100. The Good & Reese Co., Springfield, Ohio.

FRUIT PLANTS.

October purple plum' The best of all Burbank plums. We have a large and fine stock of trees, one or two year's old on plum and peach stock. Address Stephen Hoyt's Sons, New Canaan, Conn.

- All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

Geraniums. Rooted cuttings. 38 varieties. Double and single in separate colors as Ricard, Harrison, S. A. Nutt, Beaute Poitevine, Double Grant La Favorite, Mme. Bucher, Pres. Du Bois, Single Grant, Queen of the West, and others. Rooted cuttings, by mail, $1.25 per 100; by express, $10.00 per 1,000. Transplanted plants, by mail, $2.00 per 100; by express, $15.00 per 1,000. Cash with order. Peter Brown, Lancaster, Pa.

We have 25 of the best geraniums grown and will accept orders for a few thousand rooted cuttings at the low price of $10.00 per 1,000, 500 at 1,000 rate, or will mail sample 100 in good assortment, labeled, for only $1.25. Our price list of rooted cuttings gives very low prices of over 30 varieties of plants. Send for it. S. W. Pike, St. Charles, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Strong 2-in., mixed, $1.50 per 100. Rooted cuttings of Bruanti and Heteranthe, $1.25 per 100; $10.00 per 1,000. Mme Salerol, 2½-in., $1.50 per 100; 2-in., $1.25. Rose geraniums, rooted cutting, $1.00 per 100. South Side Floral Co., Springfield, Ill.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
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100,000 rooted cuttings, at $12.00 per 1,000. Dbl. Grant, $11.00 per 1,000. Mme. Salleroi, $1.25 per 100, $10.00 per 1,000. Rose Geraniums, $1.25 per 100. Cash.
C. A Harris & Co., Delanson, N. Y.

30,000 geraniums—Beaute Pointevine, Mme. Jaulin, Ricard, S. A. .Nutt and Dbl. Grant. Rooted cuttings, $15.00 per 1,000. J. B. Shurtleff, Jr., Revere, Mass.

Geranium America. A queen among geraniums. Strong plants, $8.00 per 100; 25 at 100 rate. Ready now. Henry Eichholz, Waynesboro, Pa.

Geraniums. Fine assortment of 2½-in. plants, $2.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Madam Salleroi Fine plants, in 2½-in. pots, $2.50 per 100. Mark Aitken, Springfield, Mass.

New geraniums, including Jean Viaud and other choice sorts. N. Smith & Son, Adrian, Mich.

Bruanti, nice plants, $2.00 per 100. J. W. Yates Plant Co., Springfield, Ohio.

GREVILLEA.

Grevillea robusta, 3-in., $1.00, 2 in., $3.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

HARDY PLANTS.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilia paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas. S. Dutton, 85 West 12th St., Holland, Mich.

40,000 American filberts (Corylus americana), or hazelnuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Surplus for fall, 1900: Keiffer Pear; Norway Maples, 9 to 10 ft.; Norway Maples, 5 to 6 ft.; Lombardy Poplars, 9 to 12 ft.; Carolina Poplars, 6 to 18 ft.; Am. Arbor Vitae, bushy, 6 to 7 ft., Am. Arbor Vitae, bushy, 3 to 5 ft.; Apples, 2 and 3 years; Norway Spruce, 7 to 9 ft., fine; Norway Spruce, 5 to 6 ft., fine; California Privet, good, 1 year, 2 ft.; Osage Orange, 1 and 2 years, fine; White Pine, 4 to 5 ft.; White Pine, 3 ft., sheared. Josiah A. Roberts, Malvern, Pa.

Clematis paniculata, 2 and 3 years old.

	Per 10.	Per 100.	Per 1,000.
No. 1	$1.00	$7.00	$65.00
X size	1.25	9.00	75.00
XX size	1.75	13.00	125.00
Fine pot plants	.50	3.50	30.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Hydrangea P. G., 5 to 10 inches, heavily rooted, $25.00 per 1,000; 1 to 2 ft, heavily rooted, stocky, $40.00 per 1,000; 2 to 3 feet, X, heavily rooted, stocky, $70.00 per 1,000. Prices Fall only; shipment Fall or Spring. Double Snowball same prices. Jenkins' Evergreen & Seedling Nurseries, Winona, Ohio.

	Per 100.	Per 1,000.
Amaryllis formossissima	$2.00	$18.00
Tigridia and bessera elegans..	1.00	9.00
Milla and cyclobothra	1.00	7.00

Parcel-post paid. J. A. McDowell, City of Mexico.

Blue and Crimson Spiraea, 2½-in., 3c; field-grown, 6c. Hydrangea grandiflora, 3 year old, 8c and 10c. Double Althaeas, named colors, 2½ to 3½ ft., 8c. Cash, please.
Benj. Connell, Florist, West Grove, Pa.

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Myosotis palustris, Japanese primrose, Achillea, the Pearl, 3½-in., $3.00 per 100; $25.00 per 1,000. Cash. Edw. B. Jackson, Stamford, Conn.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Halls and Belgica, 2 years old, field-grown, $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Rudbeckia. 2,000 Golden Glow, from 1 to 2 crowns, at $2.50 per 100. Cash. Jos. Dunn, Orrs Mills, N. Y.

California Privet, 18 to 24-in., branched, $2.00 per 100; $15.00 per 1,000. Cash.
Byer Bros., Chambersburg, Pa.

Hardy pinks. Field-grown clumps. 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Heliotropes, 12 vars., 2-in. pots, $2.00 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

"The classified advs. are a great convenience," is the verdict of the buyers.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, Red-Branched and Thos. Hogg, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000.
Jackson & Perkins Co., Newark, New York.

Otaksa, strong plants, $15.00, $20.00, $25.00 per 100. Bobbink & Atkins, Rutherford, N. J.

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English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1757 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 3 to 4 ft. long, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

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Jasminums: Maid of Orleans, Grand Duka, Grandiflora, Sambac or Arabian, Revolution, strong, thrifty plants, 3-in. pots. $6.00 per 100. Nanz & Neuner, 582 Fourth Ave., Louisville, Ky.

LANTANAS.

Lantanas, 8 vars., 2-in. pots, $2.00 per 100. Weeping lantanas, $1.25 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Lantanas, 2-in. pots, in bud and bloom, 6 varieties, $1.75 per 100; $15.00 per 1,000.
C. L. Brunson & Co., Paducah, Ky.

Weeping lantanas, 2½-in., $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

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Ponderosa Lemon, largest lemon grown, bears fruit weighing 2 lbs. and over. Is bound to become a popular plant. Fine plants from 2½-in., $1.00 per doz.; $7.00 per 100. Strong plants ready to bloom at once, $1.50 per doz.
Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

Send in your order now for a copy of the Florists' Manual.

ORANGES.

Oranges and Pomelos (grafted on citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., $4.50 per 100; $40.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cattleya citrina, Laelia anceps, L. alba, L. Majalis, L. autumnalis, $24.00 per 100. Parcel-post paid. J. A McDowell, City of Mexico.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants....................	6	24-28	$12.00	$100.00
3 plants....................	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	6	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	126.00
8	6-7	30-32	3.00	each

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
6	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.
Jos. Heacock, Wyncote, Pa.

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WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend and ship at once, safely by freight, before cold weather. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.	Per 1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	6 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2½	8 to 9	3 to 4	.....	$ 1.50	$12.00	$100.00
3	10 to 12	4 to 5	.....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1000.
2¼		3	.....	$ 0.60	$ 5.00	$ 40.00
3	12	5 to 6	.....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	60.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	$2.00	15.00
4	15 to 18	3 plants $0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.60 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	....	....	.....	$3.00
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ball's palms, etc., choice hardy stock, perfect in every respect.

Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 50c and 75c; 8-in. at $1.50; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $17.50 to $35.00.

Kentia Belmoreana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.

Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.

Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.

Livistona Rotundifolia, 4-in. at 40c; 5-in. at 75c.

Pandanus Veitchii, 6-in. at 75c and $1.00; 8-in. at $2.00.

Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.

Chas. D. Ball, Holmesburg, Philadelphia, Pa.

	Pot. In.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	6	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

Latania borbonica, extra fine stock. 7-in., 9 lvs., $12.00 per doz., 25 for $22.00; 6-in., 7 lvs., $8.00 per doz., 25 for $15.00; 5-in., 6 lvs., $5.00 per doz., 25 for $9.00.

Critchell's, Cincinnati, Ohio.

LATANIA PALM PLANTS

Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	1	20 to 22-in. high	6 and 7	$6.00
6-in.	2	20 to 22-in. high	10	9.00
6-in.	3	20 to 22-in. high	12 to 14	12.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	1[illegible].00
7-in.	3	2 ft. ht. & diam.	12 to 16	18.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.

Pandanus Veitchii and Croton plants, prices on application.

J. Wm. Colflesh, 53d & Woodlawn, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.60	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent. will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Shorb, near Los Angeles, Cal.

5,000 2½-in. Kentias Belmoreana and Forsteriana at $8.00 per 100; $75.00 per 1,000. 10,000 3½-in. Latania Borbonica, $7.00 per 100, $65.00 per 1,000; 4,000 4-in., $15.00 per 100, $140.00 per 1,000. Harms Park Floral Co., Berteau Ave., near Western, Chicago.

Kentia Forsteriana, 3-in. pots, 12 in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.

McGregor Bros., Springfield, Ohio.

Kentias Belmoreana and Forsteriana, extra fine stock, $12.00 to $24.00 per doz. Bobbink & Atkins, Rutherford, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Fine plants from English seed. Large blooms. By mail, 50c per 100; by express, $3.50 per 1,000. Jerome Harley, Media, Del. Co., Pa.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

Giant Trimardeau, strong and stocky, 75c per 100 by mail; $4.00 per 1,000 by express.

Harry White, New Holland, Ind.

$2.00 per 1,000 to close out, nice plants. Giant pansies, Roemer's or Trimardeau. Cash.

Byer Bros., Chambersburg, Pa.

PELARGONIUMS.

Strong plants in 2½-in. pots in the following varieties: Mme. Thibault, Mrs. Robt. Sandiford, Lord Salisbury, Kingstone, Beauty, Mrs. Bradshaw, Wonder, etc., 50c per doz.; $4.00 per 100.

Our collection of 10 different varieties, 2 of each, correctly labeled, by mail postpaid for $1.00 cash with order. Mrs. Thomas Lawrence, Ogdensburg, N. Y.

New ivy-leaved pelargonium, Leopard, 50c each, $5.00 per doz., $17.50 per 50. Cottage Gardens, Queens, N. Y.

Pelargonium Victor, $2.00 per 100. Cash.

C. A. Harris & Co., Delanson, N. Y.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Double petunias, 30 vars., 2-in. pots, $2.00 per 100. Cash. C. A. Harris & Co., Delanson, N. Y.

PRIMROSES.

Baby Primrose. About 1,000 for sale, in 2½-in. pots, fine, strong plants, ready for 4-in. pots, at $3.50 per 100; or will exchange for ferns. Nicholas Amos, Crestline, Ohio.

Chinese primroses. Red, white and mixed, 4-in., in large bud, $6.00, without bud, $4.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Baby primrose [illegible], $3.00, 2¼-in., $4.00 per 100. Cooper & Underhill, Watertown, N. Y.

Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.

J. W. Miller, Hatton, Pa.

Chinese, large-flowering, 2-in., $1.25 per 100.

Jos. H. Cunningham, Delaware, Ohio.

ROSES.

EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
Folkestone	Mme. Abel Chatenay
Golden Gate	Mrs. Robt. Garrett
Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
Henry M. Stanley	Striped La France
Kaiserin	Sylph
Mme. Camille	Tri. de Pernet Pere
Marie Guillot	Victor Hugo
Mme. Watteville	White Maman Cochet
Mme. Welche	" Marechal Niel
Mme. Jos. Schwartz	" La France

Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.

R. H. MURPHEY & SON, URBANA, OHIO.

Strong, field-grown roses.

American Beauties, selected......$25.00 per 100.
La France, selected .... 25.00 per 100.
American Beauties .... 20.00 per 100.
La France .... 20.00 per 100.
Kaiserin Augusta Victoria .... 12.00 per 100.

Cash with order or satisfactory references. Alex Waldbart, Hamilton Ave. and Horton Pl., St. Louis, Mo.

Roses. First-class. Heavy field-grown. Own roots. Empress of China, Wichuraiana, Pink Rambler, Manda's Hybrids (4 varieties), $50.00 per 1,000; $7.50 per 100. Be quick if you want any between now and spring. Howland Nursery Co., Los Angeles, Cal.

Roses for spring blooming. Fine 1 and 2-year field-grown plants, that have never been forced, suitable for 5-in. pots, 5c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Marechal Niel, field-grown, grafted, two years, 5-6 foot canes, $25 per 100. Also Liberty, Beauty, Maid, Kaiserin and others. Superb stock. Extra strong. Rosedale Nurseries, Brenham, Tex.

Crimson Ramblers, 3-year-canes, 4-6 feet, extra fine, 3-4 canes each, at $1.25 per doz.; also, 2-year plants, field-grown, 3½-4 feet, at $6.00 per 100. Jesse T. Ellis, Box 340, Griffin, Ga.

Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming.

I. H. Moss, Govanstown, Baltimore, Md.

Marechal Niel roses, 15 inches and over in height, healthy plants, $4.00 per 100; $35.00 per 1000. Good & Reese Co., Springfield, Ohio.

Field-grown American Beauties, 3 years old, $15.00 per 100; $125.00 per 1,000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.

A. S. MacBean, Lakewood, N. J.

We grow all the leading varieties of roses. Rooted cuttings now ready. Write us.

Geo. A. Kuhl, Pekin, Ill.

Strong 2½-in. Brides and Maids, $2.00 per 100. South Side Floral Co., Springfield, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

RUSSELIAS.

The two new Russellas, Lemoinei multiflora and Lemoinei elegantissima, 50c per doz.; $3.00 per 100.

Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia Silver Spot, 50c per doz. Cash.
C. A. Harris & Co., Delanson, N. Y.

1,000 salvias, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

SEEDS.

A. Sprengeri, fresh seeds, $4.00 per 1,000. Cyclamen, English Giants, seven distinct named sorts, 100s each $1.00; the collection for $6.50. Cyclamen, German Giants, pure white, 75c per 100s; bright red, rose, white with eye, 60c per 100s. A. Rolker & Sons, 52 Dey St., N. Y.

Seeds. Cyclamen giganteum, 50c per 100 seeds. Smilax, 30c per oz. Hollyhock, Chaters Superb, mixed, 50c per oz. Pansy, Trimardeau, $2.50 per oz.; G. & T. Co.'s Best, $4.00 per oz. Sweet Peas, 30c per lb. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Alfalfa and Timothy seed. We received the highest award at the Paris Exposition for these specialties. C. A. Smurthwaite Produce Co., Ogden, Utah.

Fresh crop sweet pea seed. All popular sorts, 20 and 25c a lb. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price list for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Cobea scandens, 25c per oz.; $3.00 per lb. Postpaid. J. A. McDowell, City of Mexico.

SHAMROCK.

Something new! True Shamrock (Oxalis Acetosella). From cemetery of Downpatrick in Ireland. Plants from 2¼-in. pots ready Feb. 1st, $4.00 per 100; $35 per 1,000. Cash rate. Cash with order. Order early, as stock is limited. J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Good bushy plants from 2 and 2½-in. pots; must sell, $5.00 per 1,000; 75c per 100. Write for sample. R. Kilbourn, Clinton, N. Y.

VEGETABLE PLANTS.

Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 85c per 100, $1.00 per 1,000, $7.50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 25c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Lettuce plants, fine, from cold-frames, 25c per 100. Express prepaid on orders for 400 or over. Cash. Cottage Gardens, Litchfield, Ill.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America. 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

VINCAS.

Vinca (trailing), green and variegated, 4-in., 75c per doz., $6.00 per 100; 2-in., 60c per doz., $4.50 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Vinca variegated, 2¼-in., $2.50, 3-in., $1.00, 3½-in., $8.00, 4-in., $10.00, 7 in., $15.00 per 100. Rooted cuttings, $10.00 per 1,000; $1.25 per 100. Cash.
Green & Underhill, Watertown, N. Y.

5,000 Vinca Major Var. field-grown, full 2 to 3 ft., $6.00 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

Major var., strong field-clumps, 8 to 10 vines, 2 to 4 feet long, $4.00 per 100. Cash.
Dann & Son, Westfield, N. Y.

Vinca Major var., field-grown, extra strong, $6.00 per 100. N. Smith & Son, Adrian, Mich.

VIOLETS.

California violet clumps, $3.00 per 100. I. H. Campbell, $5.00, fine. Cash, please.
Benj. Connell, West Grove, Pa.

MISCELLANEOUS.

Oxalis Ortgiesii, $2.50 per 100. Umbrella plant, $2.00 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

3,000 Sedum variegatum, 5,000 cigar plant and California moss, all in 2¼-in. at $1.50 per 100. Morris Floral Co., Morris, Ill.

TO EXCHANGE.

200 dbl. white Althess, strong, 3 to 5 ft., $5.00 per 100. 300 fine smilax plants, 2½-in. pots, $2.00 per 100. 300 Wichuraiana roses, 3 and 4-in. pots, at your own price. Boston ferns from $4.00 per 100 up. Will exchange any of above for Areca or Kentia palms. Mills & Wachter, Jacksonville, Fla.

Baby primroses and vincas to exchange for stock plants of Phenomenal and Elm City fuchsias. Greene & Underhill, Watertown, N. Y.

CANE STAKES.

Cane stakes, 7 to 8 ft., $3.00, 6 to 7 ft., $2.50; 5 to 6 feet, $2.00 per 1,000. F. O. B. here. C. S. Tait, Brunswick, Ga.

CHRISTMAS TREES.

Norway spruce, nursery-grown Christmas trees, 3 to 4 ft., $2.00; 4 to 5 ft., $3.00; 5 to 5½ ft., $4.00 per 100. Baled F. O. B. in lots of 50. W. H. Moon Co., Morrisville, Pa.

20,000 well branched, fresh cut Christmas trees from $10.00 per 100 to $5.00 apiece. Write or wire for special prices on carloads. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Christmas trees. Write for prices. L. B. Brague, Hinsdale, Mass.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Selected wild Smilax, 50 lbs. net weight, $2.00 per case; 100 lbs. net weight, $4.50 per case. Magnolia foliage, very fine in decorations, same price as wild Smilax. Leucothoe Sprays, $1.00 per 100. Fresh cut fern leaves, $1.00 per 1,000. Write for prices on All bulky. Cash with order from unknown correspondents.
Evergreen Floral Co., Evergreen, Ala.

5,000,000 bushy cut ferns, now at 75c per 1,000. Fancy and Dagger. Christmas trade, either the carload or in small lots. Sphagnum moss, 50c per bbl. Bouquet green, $5 per 100. Laurel roping, $4 per yard. Cash with all orders. Orders by mail or dispatch promptly attended to. Thos. Collins, Hinsdale, Mass.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Extra selected wild smilax, per 60-lb. case, $2.00; 50-lb. case, $1.25.

Holly, bright green, well berried. Any quantity, write for special prices.

First quality sacothoe sprays, delivered by express for $3.00 per 1,000. Cash with order. L. A. Loop, Evergreen, Ala.

Holly, fancy stock, crop extra fine this season. Evergreen wreathing, holly wreath, choice mistletoe, wild smilax and needle pines. Also 12-in. cut fern rings, waterproof paper, ready to wind on. Saves time and improves looks of wreaths. Send for sample. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Holly and Holly Wreaths. We are now booking orders for Christmas for A No. 1 Delaware Holly, at lowest cash prices, well berried and of dark green foliage. Orders filled in rotation will be delivered on day requested. Stroudsburg Floral Co., Milford, Del.

Hardy cut ferns, 75 per 1,000 in 1,000 lots. Bouquet green, wreaths, etc. Spruce boughs, put up in 100 lb. bales, for sale by bale, ton or carload. Write for prices. L. B. Brague, Hinsdale, Mass.

Just received fine lot of holly trees full of berries and dark green foliage for Christmas decoration. Also fine quality holly arriving. C. H. Joosten, Importer, 85 Dey St., New York.

Choicest Delaware holly from the woods and swamps. Price the lowest. Also wreaths and laurel roping. Southern Fruit Co., Georgetown, Del.

Holly, Holly Wreaths and Laurel. C. E. Brown, Bridgeville, Del., packer and dealer in bright, green, well berried holly in small and car lots.

Southern wild smilax, holly, Chamaerop palms and crowns, long needle pines, etc. Let me book your order now for Christmas.
J. G. Barrow, Red Level, Ala.

Holly for sale cheap. 200 cases of choice holly; will sell cheap for Christmas; also a lot of wreaths. M. Matlack, Cool Springs, Del.

Ferns, 75c per 1000. Laurel festooning, the best, 4 to 6c per yard. Crowl Fern Co., Millington, Mass.

Carter's wild smilax and holly. Write for prices on all decorative evergreens.
Geo. M. Carter, Evergreen, Ala.

The best grade of bright green, well berried holly, fresh from the swamps.
W. W. Pullen, Milford, Del.

EVERYTHING FOR FLORISTS.

Cycas Wreaths and Leaves, Capeflowers, Immortelles, Sheaves, etc. Write for list to August Rolker & Sons, 52 Dey St., N. Y.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Pure Raw Bone Flour, prepared especially for the florist trade. Ground finer than flour and will give immediate results. Guaranteed free from acid and absolutely pure. Allegheny City Fertilizer Works, Herr's Island, Allegheny, Pa. Write for sample and price.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Choice Green and Bronze Galax. New crop. Price 60c per 1,000. Postage prepaid. Small orders a specialty. Address H. H. Hill, Victoria, Macon County, N. C.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

Selected Galax leaves.
Chas. H. Ricksecker, Linville, N. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch st., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
Skabcura Dip Co., Chicago.

Slug Shot kills insects on currants, etc. In use since 1880. Is effective and safe to use. Sold by seedsmen everywhere. Send for free booklet on bugs and blights to B. Hammond, Fishkill-on-Hudson, N. Y.

Rose Leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 301-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

Whildin Pottery Co., Philadelphia, Pa.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 30c per doz.; No. 2, 5 to 8-in., 40c per dozen.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

RAFFIA.

State your wants and will quote price.
August Rolker & Sons, 52 Dey St., N. Y.

SPHAGNUM MOSS.

Sphagnum moss, fresh, clean, 75c for 5 bbl. bale. H. R. Akers, Chatsworth, N. J.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists' Manual, by Wm. Scott, keeps you posted on. It is a $10 book for $5, and the best investment you can possibly make, no matter how large or how small your business.

AMERICAN ROSE SOCIETY.

The society registers new rose, President McKinley. Saved from a promiscuous lot of seedlings, raised from seed saved from our collection of H. P. roses. It is a strong growing variety, having large, attractive, fine foliage. It makes strong shoots which are quite spiny and is entirely hardy. Its color is deep rose-pink and is quite persistent. Entered by John Charlton & Sons, Rochester, N. Y. LEONARD BARRON, Sec'y A. R. S.

ROANOKE, VA.—The Virginia State Hort. Society held a successful meeting here last week with about 100 delegates present.

HOUSTON, TEX.—The fourth annual Texas Fruit, Flower and Vegetable Festival will be held here Dec. 10 to 15.

HELP your employes to help themselves by placing our Florists' Manual within their reach.

WE WISH to call your attention to the value in our Florists' Manual as recognized by many readers. See their letters that have appeared from time to time in the Review.

JACKSONVILLE, ILL.—F. J. Walters has opened a store here.

CLEVELAND, O.—The May Co. have opened a floral department on their second floor.

HARTFORD, CONN.—Steps are being taken to organize a Florists' Club here.

TAMPA, FLA.—Gunn-Love Bros. have purchased the good will and fixtures of the Knight store.

GALT, ONT.—Arthur H. Young, formerly of Toronto, has joined the McKendrick greenhouse and is doing a good business.

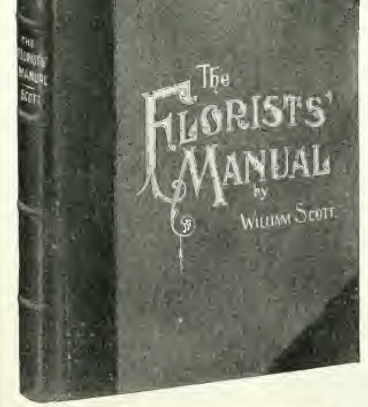
SNOWHEGAN, ME.—H. G. Danforth, of Norridgewock, has purchased ground on Madison Ave. and will erect greenhouses.

FREMONT, NEB.—A chrysanthemum show was given Nov. 16 and 17 for the benefit of the W. C. T. U., the plants and flowers being supplied by C. H. Green.

ENNIS, TEX.—At the recent chrysanthemum show the leading prize winners were Mrs. J. W. Neal, Mrs. T. D. Turner, Charles Hall, Mrs. A. L. Westbrook, Mrs. H. P. Barclay, Mrs. A. H. Oliver, Mrs. Tony Crowel, Mrs. B. F. Sargent.

PHILADELPHIA, PA.—R. M. Pierson has been awarded a contract for a greenhouse at the corner of Ridge avenue and Crease lane for H. C. Schmidt. It will measure 90 by 21 feet, being brick, frame and galvanized iron, and will cost $4,000.

CARLISLE, PA.—A very successful chrysanthemum show was given here Nov. 13 to 15 under the auspices of the Civic Club. The principal exhibitors were Jesse Robbins and J. Dewalt, among the florists, and Geo. Surgest and W. S. George among the private gardeners.



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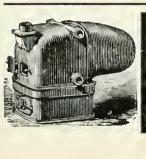

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,

334 Dearborn Street, Chicago.

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Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, to some portions of it rather, have been placed on the market, but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual containing, as it does, matter which is strictly up to date, and thoroughly practical, should meet with a really acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, as might be taken for granted, is too well known to the trade to require any elaboration at our hands, suffice it to say that the same soundness of doctrine, and truthful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly all individual plants are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others commercially connected, although amateurs and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "From selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a consideration which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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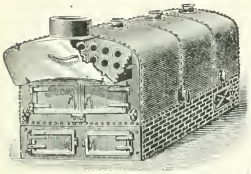

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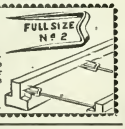

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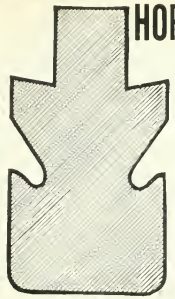

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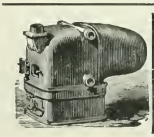

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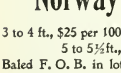

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NOTICE TO THE WHOLESALE DEALER and RETAIL MAN.

I am prepared to make you prices on the following decorative stock: **Southern Wild Smilax, Holly, Chamerop Palms and Crowns, Long Needle Pines.** All goods are shipped out at market price. Let me book your orders now for Christmas. I will treat you right. Cash with order or C. O. D. Address all orders to

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MISCELLANEOUS SEASONABLE HINTS.

Begonias.

Begonia Gloire de Lorraine has been tried sufficiently to prove that it drops its flowers when removed to a living room, where 90 percent of all our plants go. This won't stop its sale at Christmas time, for it will last as long as a bunch of flowers and is so beautiful, but I will say once more that we can help it some by giving it an airy, light house for a couple of weeks before the time of sale.

Don't forget along about now or even later to sow some seed of Begonia Vernon. It is a most useful plant and makes a fine bedding as well as a vase or veranda box plant. The double form of this begonia is no acquisition. All flowers are not enhanced by being doubled (so called) and this is one.

Fern Dishes.

The fern dish business keeps up well. Some can keep them looking respectable for several months, but many are satisfied to have them filled every three or four weeks. The Maiden Hair (Adiantum cuneatum) is one of the shortest lived of all, but there is another adiantum that is extra good for the purpose. It is Adiantum O'Brianii. For a long time I was afriad of its name, thinking it might be merely a local name, but I find the best authorities in the country know it as O'Brianii. It is of the Capillus-veneris type but much freer and handsomer. It spreads quickly with rhizomes.

It is excellent for fern dishes and still better when planted in a 6 or 7-inch pan. We filled a number of these in August and they are now most attractive, far handsomer for a table than a dish filled with a dozen different species, and much more lasting. It is a real good thing and besides its hardy, easy to grow qualities it is well worth planting out to cut from as you do cuneatum. From a few plants you can quickly work up a large stock.

Hydrangeas.

Now that chrysanthemums are about gone you will have plenty of room for your Easter stuff, among which are hydrangeas. Start them very slowly. If they were grown in pots all summer, as they should be, they may want a shift. Do that directly you put them on the bench.

There is a growing taste for large hydrangeas in tubs for lawn decoration, but to have these satisfactory they cannot be kept in a greenhouse, even if down to 40 degrees. They will make a start in the spring and then suffer when you put them out. A light, cool cellar or roothouse is the only place for them and they will stand it to be very dry if cool.

What to do with sweet bays, oleanders and large hydrangeas is beginning to be a question that is disturbing us. The greenhouse is not the place for them, even if you could charge what it is worth per foot for the space they occupy. A large, roomy house or shed, mostly wood, with a few skylights in it, will have to be a feature with many of us who sell these plants to our customers. Sufficient heat to just keep the frost out would do for this store house.

Geraniums.

This past month and December are unfavorable for geraniums of the zonal type. You don't want them to grow and a very little fire heat makes it too warm and there is little sun to encourage you to give air, but you should on all occasions, when possible, and in the dark months, with a low temperature, geraniums, also pelargoniums, want to be decidedly on the dry side. No harm in their being almost dormant for a month or two. They quickly make up for it when spring comes. Of course I am alluding to the small fall struck plants, which are not wanted till bedding time. Zonal geraniums are not much grown by the commercial florist for winter blooming but they make the conservatory very gay. To flower well they want the lightest house and a temperature of at least 55 degrees at night.

Show Pelargoniums.

We have given up growing the show pelargoniums, simply because they do not sell well. The people prefer the zonal geraniums, which are much more satisfactory in every way. To those who are growing them for a spring plant I would say that from now till the first of February the pelargoniums want very little water. Unless you want them early they will do in a cool house and should be kept quite on the dry side. This gives them a stout, hardy growth and they will make all the better plants when growth begins in the spring. Those you force for Easter (although it hardly pays) must have the fullest light and will do in a night temperature of 50 degrees. One of the worst qualities of the pelargonium is its need of continuous smoking to keep down greenfly, but to have them healthy it must be done.

WM. SCOTT.

CHRYSANTHEMUM NOTES.

The season has once more passed and we can again sum up our gains and losses, financially and in experience, for the past year. Of the introductions of 1900 Col. D. Appleton seems to have given the most satisfaction. It is indeed a grand yellow. I would not go so far as some have and say it beats Golden Wedding, but I will say that it is a worthy companion for it. The two varieties are of different types and Appleton comes in before Wedding, so I think there is ample room for both. Gold Mine was not so good but perhaps it will make a better showing next year.

White Bonnaffon, while of lovely form, seems pretty small. Sonci was distinctly disappointing. It was described as similar to Modesto in form, but all the flowers I saw were tightly incurved and not at all of the loose, graceful form that made Modesto popular. Molatsch, as an early yellow, cannot in our humble opinion come near either Sunderbruch or Soleil d'Octobre.

The best commercial varieties at the present time in our opinion are given below in their order of flowering.

White: Robinson, Mrs. J. Lewis, Merza, Jerome Jones, Chadwick.

Yellow: Sunderbruch, T. L. Park, Appleton, Bonnaffon, Wedding.

Pink: Glory of the Pacific, Morel, Maud Dean.

These are all good tested varieties and seem to do well throughout the country generally. There are of course very many others which different growers can handle with greater or less success.

There are several newer varieties that stand out prominently as exhibition sorts, like the following: Mme. Carnot, and its yellow sport, G. J. Warren. These are now well known and are splendid varieties. Peter Kay or Jeannie Falconer is a very fine pale yellow. Kate Broomhead showed up well; this is golden brown in color. Timothy Eaton, as everybody knows, has swept the country as an exhibition white. Mme. Deis is also a fine exhibition white. Perhaps a little slender in stem but quite strong enough to hold itself upright. A new variety that will undoubtedly be shown fine next year is Mrs. Barkley. It is a lovely shade of pink and a fine grower. Nellie Peckett, an Australian seedling, is a particularly fine, creamy white.

I notice the C. A. has this year certificated Mrs. Ritson, the white Morel. I think I spoke of this variety in my notes last year. I venture to say that about one grower in ten will get it anywhere near as good as its parent. It is certainly a hard thing to handle satisfactorily. Mrs. Weeks is a fine exhibition white but soft in the petals and not very sure.

The standard of exhibition flowers was higher this year than ever, both in regard to size and finish. Who can predict what we will be exhibiting in ten years' time? One thing is certain, as I remarked last year, the private gardener is crowding the commercial man to the wall in growing exhibition flowers. I suppose it is only natural. Yet the commercial man on the other side is holding his end up pretty well.

The mum tide of popularity is higher than ever in England and France this year, judging by the reports. Many of the varieties suffered this year considerably from the unseasonably warm spell we got during the end of October, but on the whole it has been a much better season than last year, when some growers could not market fifty per cent of their product.

BRIAN BORU.

CARNATION NOTES.

Treatment During Cloudy Weather.

During the past week we have had just such weather as I wrote about in my last notes. Cloudy for several days and then a very bright, warm day. In spite of abundant ventilation and careful watering some of the softer varieties wilted some, but nothing like they would have done if we had not kept them a little dry and kept up steam with the ventilators open, both day and night.

If your carnations have made a soft growth and will badly on bright days you can do nothing but dampen the walks

and syringe them lightly overhead about 10 a. m. Some growers do not approve of syringing carnations but it certainly can not do as much harm as a bad case of wilting will do. But do it before noon so the plants can dry off again before night.

Syringing in Winter Months.

A few years ago a great cry was raised against syringing carnations at all during the winter months, and to depend on abundant ventilation to keep down red spider, etc. I tried it too, but I found that I could not keep down red spider that way. And if you do allow them to get a hold on your plants you will have to syringe all the more and perhaps at times when it will hurt your plants. So now I try to syringe my carnations about once each week if I can strike a good, bright day that often, and when the weather is bright for a week or two I do not hesitate to syringe two or three times as often. But be careful not to keep your houses too damp, as that is apt to start the rust.

Rust and Red Spider.

The carnation rust is not such a bugaboo as it was a few years ago but at the same time it is not desirable to have it around. If you have a rainy spell of several days' duration and then a bright day, give your houses a chance to dry off and sweeten up the first day and then, if the next day is bright, a good syringing will do your plants good. Apply all the force at your command and if possible syringe from both sides. Keep a sharp watch on all out-of-the-way corners for spider and go for them in earnest as soon as you discover signs of them. It is hard to get rid of them after they once get a good hold, so it pays to not let them get a hold.

Cuttings.

If you are trying a few each of last spring's novelties and any of them show up extra fine it is not too early to begin working up your stock for next season. Take the strong cuttings that appear along the flower stems and put them in sand. They will root readily at this time in about four weeks. As soon as rooted put into 2-inch pots and set on a bench near the glass. By about February these young plants will have made enough growth so you can take out the top and make a good cutting of it. But do not allow them to run up too high before you take off the cutting for they are no good if they show any sign of throwing a bud. The first cutting will need repotting into a 3-inch pot to keep it growing until planting out time, but it will pay you, especially with the newer varieties. If you grow Mrs. Bradt it will pay you to take your cuttings at once. Pot as soon as rooted and keep shifting as they need it until planting out time. If handled this way you can materially increase the number of blooms you cut from each plant, and they will be better in quality, too. Most varieties that naturally come into bloom late can be made to bloom earlier the same way. But as a general rule I like January struck cuttings best and if you have plenty of stock you need not be in a hurry just yet. A. F. J. Baur.

NERTERA DEPRESSA.

In Germany this is a quick creeping plant and its dark foliage and profusion of red berries make it exceedingly useful in carpet beds, vases, etc. In conservatories where palms are planted out it is sometimes used instead of lycopodium to cover the ground. Why is it not more used in America?

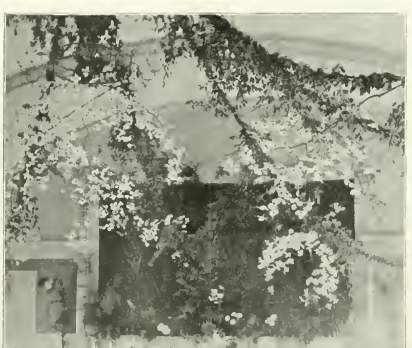
In our carpet bedding it was used the same as we use alternanthera or oxalis. When it is full of berries you can make any ornamental figures, lettering, etc., by simply cutting away with the shears the berries according to the design you wish to leave. Vases can be filled in pyramidal form with soil and planted with the nertera and the vase will soon present the appearance of a large red ball the berries are produced in such profusion. Hanging vines can be planted around the edge of such vases if desired.

The plants are readily grown from seed, which should be sown in early spring in soil composed of equal parts of peat, leaf-mould and sand, sifted well together through a fine sieve. Fill the pans to the top with this soil, press down lightly, spread the seeds evenly, put a light coat of soil on top of the seeds, press down lightly again and water with a fine rose. Put a plate of glass over the pan and turn this over every day to prevent damage from condensation on the under side of the glass. Place the pans close to the glass in a warm hotbed, or in a greenhouse on a hanging board near the glass.

When plants are large enough put several together in small pots and place in a warm frame without bottom heat but near the glass. These little pots will soon be covered with the green foliage. Repot into 3-inch and soon the minute flowers appear, soon followed by the red berries. With careful attention to watering and ventilation the culture is very easy.

Cuttings can be taken in September or October, the after culture being the same as for the seedlings. During winter keep them in a temperature of from 45 to 50 degrees and near the glass. But you cannot have Nertera depressa in full berry all winter.

Paul Kopanka.



Detail of Ball Room Decoration.

RECEPTION DECORATION.

A recent wedding reception decoration at the Colonial Club, Cleveland, O., arranged by Mrs. E. G. Wilson, the florist, was so favorably commented upon that we send you photographs of it.

The ballroom decoration was in green and white, the room having a pink arched ceiling, green side walls and white wood work. From the ceiling above the large chandelier radiated eight garlands of laurel to the corners and sides. On this was loosely arranged branches of dogwood and southern smilax. Many of the branches measured eight and nine feet across and the effect was very dainty. The central chandelier was also filled and masses of the dogwood blossoms were hanging from it with canaries singing among them. From between each of the double side wall chandeliers sprang a half arch ending in a silver horn of plenty pouring out white chrysanthemums.

As has probably been already suspected the dogwood blossoms were not natural, it being out of season for them. But they were naturally made and were wired on to real dogwood branches cut for the purpose. Only the closest inspection would show that they were artificial.

The stage was set with a woodland scene, filled in with tall palms and potted plants of white chrysanthemums. Green lights intermingled in the curtains of wild smilax added much to the sylvan effect of the whole. The side lights were also of green and until the bridal party entered the ballroom no other lights were used. The effect of the green light alone was—as one lady expressed it—"marvelously beautiful"; at 10 p. m. all the arches of light were turned on and the effect was a canopy of white dogwood flowers covering nearly the whole room.

The reception room where the receiving party stood was separated from the hall by gates of smilax trimmed with roses. Above the gates was an arch of American Beauty roses. In the four corners of the room were four white standards 7 feet high of American

Beauties. Palms were banked before the long French windows, forming a background for the light dresses of the receiving party.

The bridal table was set in the pink tea room on the second floor. In the center of the round table stood a tall cut glass candelabra with pink candles and shades and around it were massed pink roses and maidenhair ferns. Four silver candlesticks alternating with vases of white hyacinths and ferns surrounded the center piece. The room was festooned with colonial garlands of pink and white roses and asparagus caught up with clusters of pink bells tied with pink colonial bows. This was a dainty arrangement, as the whole color scheme of the room was of a delicate pink and gold.

Part of Ball Room Decoration.

Large baskets and vases of choice chrysanthemums were scattered through the other rooms. The large deep mantels in one room being banked with asparagus and Golden Weddings, while another was done in pink and dark red chrysanthemums. The halls and stairways were finished in southern smilax, and shower arrangements of yellow chrysanthemums depended from the three chandeliers, and there were baskets that were four feet in diameter of the same flower.

The home on Euclid avenue where the wedding ceremony took place earlier in the evening was also elaborately decorated, with large masses of chrysanthemums, palms, southern smilax, etc. The wedding party all carried long-stemmed roses, not a wire in the bunch, loosely gathered together and fastened with a graceful knot of broad taffeta ribbon of the exact shade of the roses. Liberty roses were used for two of the maids and the exact shade was secured in the ribbon. Pink was used by the other maids, while Kaiserins were used for the bridal bouquet. The simplicity of the bunches was their greatest charm. Liberty is fine for this purpose. W.

THE VIOLET DISEASE.

A bulletin has been prepared by Mr. P. H. Dorsett of the division of vegetable physiology and pathology of the United States Department of Agriculture, and has been issued as Bulletin No. 23 of that division, entitled "Spot Disease of the Violet."

The bulletin says the disease attacks the plants at any stage of their growth, from the small unrooted cutting in the cutting bed to the mature plant in full flower. Plants making a vigorous, rapid, but soft or succulent growth are most subject to the disease. Its first appearance is characterized by small, definite, usually circular, greenish or yellowish white spots, resembling the bite or sting of an insect. They vary in size from dots scarcely perceptible to the unaided eye to spots a thirty-second of an inch or more in diameter. The point of infection is surrounded by a narrow ring of discolored tissue, usually black or very dark brown, but changes to a lighter shade as the spots grow older. As the spot develops, the central portion remains unchanged in appearance, while the tissues immediately surrounding it, either to one side or more frequently in a circle, become diseased by the ramifying growth of the mycelium of the fungus through this portion of the leaf.

Various opinions have been expressed as to the cause of the disease, and suggestions as to the possible course of treatment are numerous. Weakness of the plants, improper soil conditions, growing them in the open fields where they are exposed to drought, rains, dews and direct rays of the summer sun, and lack of attention to properly heating, ventilating and fumigating the houses, are among the explanations advanced.

It is believed there is at present no effective remedy for the disease when it has gained a foothold. The principal fungicides in common use for the prevention and check of plant diseases have frequently been tried for this trouble, but with varying results.

It seems that the solution of the problem of controlling the disease lies in preventing it by giving careful attention to the production of vigorous, healthy plant growth rather than in attempting to check the trouble after it has once gained a foothold.

Under the heading "Preventive Measures" appear the following suggestions:

(1) Study carefully the behavior of the plants under the varying conditions surrounding them. Endeavor by modifying these conditions, when necessary, to secure plants of ideal development. Set the standard of excellence high and be satisfied with nothing short of its attainment.

(2) Grow the plants during the entire season where they can be given the conditions necessary for making a vigorous, healthy growth, and where they can be protected at all times from conditions likely to induce disease.

(3) Keep the houses or frames clean, sweet, and in perfect condition for growing healthy plants, by repairing and painting them when necessary, and by removing and destroying all rubbish likely to harbor vermin or disease.

(4) Propagate only from healthy, vigorous stock of known parentage at the season most favorable to the plants.

(5) Select each spring none but perfectly healthy, vigorous plants from the rooted cuttings for planting into the houses or frames. Old plants are sometimes carried over, and occasionally yield a large crop of flowers. They are not as reliable as the young plants, however, and are much more liable to all kinds of disease. The best growers rarely use them if it is possible to secure strong, healthy young plants for spring or early summer planting.

(6) Keep the plants clean of yellow, dead, or dying leaves, being careful to destroy them after removing them from the plants.

(7) Keep the plants free from insects and other animal pests.

(8) Give careful attention to ventilating, heating, and shading the houses or frames and to watering, cleaning and cultivating the plants.

(9) Renew the soil in the beds each season before setting in the young plants by removing from eight to twelve inches of the surface soil and replacing it with that freshly prepared.

(10) Set the young plants early in the spring in the beds where they are to remain during the season, so that they may get well established before the hot, dry weather of summer makes its appearance.

Careful attention given to the above directions for a number of years will, it is believed, result in the production of a strain of plants that are not only practically disease resistant, but are also ideal as regards regularity and symmetry of growth, length and strength of flower stems, and yield, size, substance and quality of flowers produced.

PHILADELPHIA.

Business during Thanksgiving week was very brisk. The supply of cut flowers was larger than last year but the demand was sufficient to move it all at fair prices. Beauties brought $3 to $4 a dozen and a very few (mostly for shipping orders), $5 a dozen. Brides and Maids, $6 to $8 per 100 for choice stock, a few specials bringing $10. Kaiserins and Meteors about the same price with not nearly so many in the market. Carnations, ordinary quality and sorts, $1 to $1.50 per 100; fancy varieties and flowers of choice quality, $2 per 100 and upward. Violets, single, Princess of Wales, Luxonne and choice California, 50 to 75 cents per 100; double, Lady Campbell and Marie Louise, about $1 per 100.

Valley is in demand and brings $3 to $4 per 100. Paper whites and Romans have been in for some time; they are selling slowly, especially the former, at $2 to $3 per 100. There are very few chrysanthemums left. Some sweet peas of the variety "Earliest of All" are to be seen occasionally. Smilax is not plentiful. There is a good deal of as-

paragus about, largely plumosus nanus in sprays.

The week may be said to have opened the season in the gay world. Wednesday saw the wedding of a son of the provost of our university and the daughter of a St. Louis family, a great social event, elaborately decorated. Thursday (Thanksgiving Day) everyone wanted "a few flowers for the dinner table" and sometimes the fernery filled, too. "Many a mickle makes a muckle," and the result was a busy day. Friday the "Two-year-olds" gave a ball to the debutantes. This event, not especially important in itself to the florist, gave rise to a number of dinners which demanded his greatest display of taste and skill.

What an influence the debutante exerts over our rose growing today! It is for her benefit that the once famous Bon Silene has been revived and appears in new guise at her coming out teas. It is for her especially that a table of sweet briars has been planted, intended to add grace and finish to her first bouquet. For her, too, many new roses pretty in the bud form are being tried. How our florists vie with each other in artistic arrangements whose sole aim is to give her pleasure! Truly the debutante is a great power in the floral world. Long may her reign last! Phil.

Byron D. Halsted.

PROF. BYRON D. HALSTED.

The name of Prof. Byron D. Halsted is now well known to the trade as that of one who has done much work in the investigation of diseases of florists' plants, especially the rose, carnation, chrysanthemum, violet, etc. He has carried on a great deal of experimental work in this line, and his essay on the diseases of the rose at the last meeting of the American Rose Society, published in the Review at the time, was undoubtedly a most valuable record that will long be referred to.

We have pleasure in presenting herewith a portrait of Professor Halsted, and also a view of the experiment station building at New Brunswick, N. J., in which many of his investigations have been carried on. The building is the home of the New Jersey experiment stations, and stands upon ground adjoining the campus of Rutgers college. Two experiment stations are housed in the same building—namely, the state station, established in 1880, and the Agricultural college station, which came into being by act of Congress in 1888. Both stations have the same director, who is Dr. E. B. Voorhees, professor of agriculture in the college. The work of the state station is chiefly with fertilizers and tests in the field and feeding experiments.

In the government station there are three departments maintained—namely, that of entomology, of biology and botany. The latter has four rooms on the second floor of the building shown, and two acres of land at the college farm, which is largely employed for testing fungicides and studying the diseases of plants. It is sometimes known as the "Field hospital," and has a long list of sick plants under treatment both as to soil treatment and application of fungicides as sprays and powders.

There is also a greenhouse connected with the department of botany, in which the diseases of ornamental plants are studied. This is a new feature, and heretofore only rented houses have been available. It is hoped that with a greenhouse 24x80 feet, divided into two rooms with separate heat control for each, some facts of interest to the floriculturists may be obtained.

Some of the leading subjects being now considered in the laboratory are the rust of the chrysanthemum, hollyhock, carnation and asparagus. Blights of roses, violets and other greenhouse plants are inspected as received from all parts of the country.

Help your employes to help themselves by placing our Florists' Manual within their reach.

CHICAGO.

The Market.

Business has been only fair since Thanksgiving. The demand was brisk on Monday but there was a relapse on Tuesday. The supply is only moderate and it would take but little increase in demand to cause a shortage in most lines. Good violets are about the only thing that is short of demand. Chrysanthemums are still coming in and there is a prospect of a scattering few being with us as late as Christmas. Roses and carnations are improving in quality, though a good share of the receipts are still inferior.

Various Items.

A bunch of the new pink carnation Irene seen at Kennicott Bros. Co.'s store spoke well for the variety. The flower is a very pretty shade of pink, well formed, and borne on a good stout stem. It will no doubt prove to be a good commercial pink.

McKellar & Winterson report a big trade in Christmas goods and note especially heavy sales of ribbons of which they are carrying a very full line. Among their collection of Christmas supplies we noted a low priced Christmas tree stand that fills the bill to a dot. A small chain and screw bolt enable one to attach any size of tree to the stand with but little trouble.

Tuesday was "New Rose Day." Mr. E. G. Hill, of Richmond, Ind., was displaying blooms of Queen of Edgely and the new pink hybrid tea Robert Scott. The former is well known as a pink American Beauty. The latter is a pink somewhat suggestive of Mme. Gabriel Luizet in size and form. It seems very promising. The display was supplemented by Geo. Hoppe, of Hoppe & Lemke, Grand Rapids, Mich., who brought over blooms of two of his seedlings from Testout and Bridesmaid. They were both pink in color, one strongly suggesting Carnot in color effect.

F. J. Foster, St. Louis, and O. B. Stevens, Shenandoah, Ia., were also recent visitors.

E. H. Hunt has issued an unusually attractive circular of Christmas greens, illustrated by half-tone engravings, the letterpress in green and red.

Joseph Reeve has started in business for himself at 55th and Washington avenue and will handle cut flowers, seeds, bulbs and nursery stock.

E. R. Tauch has withdrawn from the Harms Park Floral Co. The business will be continued under the old title by A. B. Everett and Louis Gregor.

At the meeting of the Florists' Club, to be held tomorrow (Friday) evening, papers on rose growing will be read by Geo. Collins, Luke Collins and Paul Kopanka.

BOSTON.

Trade Conditions.

Thanksgiving week. Of course, the supposition is that all the florists made so much money they do not care if coal does go up a dollar or two. But this idea will bear a little analyzing. Prices on nearly everything shot skyward for the greater part of the week except on chrysanthemums, stevia, green goods, and turkey. Of these there was a sufficient supply to keep figures within easy reach. I have an idea, however, that many a

The Experiment Station Building at New Brunswick, N. J.

mum grower cleared up his crop and that better prices will now be realized on the remaining blooms. Probably growers of other varieties of flowers, can hold the greater part of the increase in price now for the winter.

Various Items.

There has been the sharpest competition on roses for a couple of years. Before that time the E. M. Wood establishment had but little competition, practically, for the heaviest part of the city trade. This fall, for some reason, the roses from that establishment have not been up to their former standard, while two or three other growers have raised their standard, notably R. Montgomery and W. S. Wilson. The latter has been at the head of the class the larger part of the time since buying the John Montgomery place. At the beginning of Thanksgiving week, however, R. Montgomery steps to the head with a boxful of the best goods of the kind that ever struck the city at this time of year. It reminds one of the old-fashioned spelling class where a boy leaves off at the head of the class every night, going to the foot to work his way up again. No man can stay at the head of any floral class for any great length of time.

Red roses are better represented by local growers now than ever before. Several are bringing smaller varieties of them in and J. M. McFarlane, of No. Easton, is in Park street marketing some very good American Beauties. He reached $7 with a dozen of 3-foot ones on Wednesday.

Dana has been pulling very steadily on some fine yellow ones but his pink and white, though coming better now, have been slow on account of an attack of mildew. It will be his turn at the head a little later. Anderson & Williams have their usual good crop and have just left off at the head of the Kaiserin class for the summer. J. W. Howard stands far at the head on that variety, which is almost out of style now. It is never very popular when Brides are coming good. Elliott has been reaping glory and shekels more from his Liberties than from his more usual grades. Naturally my facilities for keeping track of those who never enter the basement of Brimstone corner are limited, but I know Cotter has been cutting well, especially on Carnots.

J. S. Manter.

ST. LOUIS.

The Market.

Thanksgiving day trade was considered good by both wholesaler and retailer. The supply of stock was good, especially in roses.

American Beauties were fairly good, and first quality, which was rather scarce, sold readily at $3 per doz. Shorter-stemmed stock brought $1 and $2 per doz. and the market sold short early in the day. The smaller varieties of roses sold from $3 to $5 per 100. Brides and Maids were the most plentiful and are yet, as more of these varieties are coming in than ever before. The quality is poor and lots of them are sold as low as $1 per 100 and some go to the waste pile. Red roses were short in supply. Good Woottons sold well and Meteors of the first quality ruled at $6.

Carnations were in good demand. Red and pink were most called for and $3 was the asking price for fancy varieties. Good Scotts and Flora Hills were $2 and the common grades $1.50, which was the low price. Pickled stock was sold for what it was worth.

The mum season is about over. A few large ones are coming and range in price from 50 cents to $2 per doz.

The supply of violets was better than expected and brought $1 per 100 at first, but the price dropped later in the day to 50 cents and some remained unsold even at that price.

Romans are plenty at $3 per 100. Many of them come in spoiled, caused by being badly packed, and as a rule are a total loss to the grower.

The wholesale firms all had a good shipping trade and report good business in this line and in some cases there was quite an increase, compared with former years, with prices fully as good as last season. The retailers claim that the prices were as good as in former years and all are satisfied.

House plants are moving better and the demand from now on until after the holidays should be good for this class of trade.

Notes.

Joe Rolker, of New York, is in town calling on the trade.

A meeting of the show committee was held last Friday at Weber's. As all the collections were not in another meeting will be held before the regular club meeting so as to bring in a full report and pay off the prizes.

Charles Connon, who has been ill for some time past, is much improved and expects to be out again by the end of the week.

George Kellogg, of Pleasant Hill, Mo., is sending in some fine mushrooms to this market which find ready sale.

All club members, who had tickets to sell for the late show, are requested to make returns at the next meeting of the club, which will be held Thursday afternoon, December 13, at 3 o'clock.

The bowling club seems to have taken a new lease of life and the meetings are well attended every Monday night. Messrs. Miller, Ellis and Mohr are the new members. Now if some of the old ones would come it would seem like olden times.

J. M. Hudson has opened a retail store at 1212 Olive street.

Bowling.

The bowling club rolled on Monday night with eight members present. Arthur Ellison came in as a new member and rolled high man. Charlie Kuehn was absent for the first time in a long while. The scores made were not as good as usual and were as follows:

	1	2	3	4	5	To.	Av.
Arthur Ellison	140	157	170	209	184	860	172
J. J. Benecke	136	152	175	166	107	736	147
C. C. Sanders	129	144	128	128	....	656	139
Wm. Adels	146	168	126	133	117	690	138
F. C. Weber	....	147	140	119	143	549	137
John Young	....	....	102	150	114	366	132
R. Mohr	....	....	....	....	98	98	98
R. Winter	81	126	64	88	359	90	

J. J. B.

NEW YORK.

The Market.

Thanksgiving Day trade was very good considering everything. Prices except in a few instances remained normal. Stock was not over plentiful and most of the stores, both wholesale and retail, closed up early in the day. The weather was fine. Very few flowers were worn on the streets, but it being a general holiday house parties were numerous and few of any account were without flowers. Thanksgiving Day is becoming more recognized and in a way is a little Christmas to the cut flower trade.

Business continues to be fairly good. Debutantes' receptions call for the most flowers at present, and for these important events bright, sweet flowers have the preference. The prevailing prices are: Beauties, 50, 40, 25, 15; Brides and Maids, 15, 10, 8, 6, 3, 2; Meteors, 12, 10, 8, 6, 3; Cusins and Morgans, 12, 8, 4, 3; Perles, 6, 4; Liberty, 20, 15, 8; Kaiserins and Carnots, 15, 10, 5, 3; Golden Gates, 12, 10, 6, 3; violets, 1.50 to 2.50; specials, 3; valley, 4 to 6; cattleyas, 50; cypripediums, 15, 12, 10; carnations, 2 to 6.

H. H. Battles, of Philadelphia, was a visitor last Sunday.

Wm. Long, in the old days, of New York, but more recently of Boston, is now with the "Fernery," at 14 West 23d street.

Bowling.

Monday night saw a gala time on the New York alleys, when the Flatbush and New York clubs got together for a friendly tussle. Those who came to root for one side or the other forgot the intention in the excitement of their own bowling, in fact the greater portion of the enthusiasm was on the side alley where the junior teams were endeavoring to beat the scores of the seniors, which they succeeded in doing in several instances. In addition to this there were several individual matches which helped to keep the pot of fun boiling.

It was the first time any of the Flatbush men had rolled on these alleys, and again their team was not their strongest. It was not an even match, yet it was an off night, too, with some of their best men and the defeat was a crushing one. As is usual at an event like this there were many characteristic illustrations of individual bowling peculiarities and a photograph of some of the attitudes assumed would be sufficient to smooth out the business-care wrinkles on many a face. Following are the scores. The return match will be rolled on the Flatbush alleys Dec. 13th, at 8 p. m.

NEW YORK.

Lang	200	229	175
Roehrs	139	151	135
O'Mara	133	173	135
Siebrecht	114	145	125
Hafner	176	165	166
Burns	114	170	126
	882	941	862

JUNIORS.

Thielmann	138	168	
Lentz	204	157	
Van Holsen	163	168	
Merrit	96	79	
Donlan	128	107	

ANOTHER MATCH.

Burns	142	142	
Hafner	116	161	
Thielmann	188	168	
Roehrs	129	133	

FLATBUSH.

Zeller	171	169	156
H. Dall'douze	102	136	102
Schmutz	153	153	155
Wecker	119	109	105
E. Dall'douze	120	143	149
Riley	158	156	181
	783	846	848

SENIORS.

Donaldson	138	151	
Lerscher	222	211	
Taylor	89	112	
J. Lang	73		
Elliott	136	146	
Stewart		147	

Truendly	158	150	
O'Mara	119	154	
Lang	146	162	
Siebrecht	128	114	

J. I. D.

BUFFALO.

Various Items.

The trade for Thanksgiving was very good indeed. It seems to be an occasion for the use of flowers more and more every year. There was no particular demand for any one kind except we noticed that a good many fine mums went off, in fact it about cleaned up all the local grown.

Carnations are coming in rather more freely, but we have had the most unfavorable month of weather for both roses and carnations, and perhaps that is what is the matter with the violets. Some good, sharp, clear weather is badly needed.

The Florists' Club met at the house of President Kasting last week. There was a large attendance and some good business was done. The president appointed committees to handle every feature of the coming convention, placing, we believe, the best men in the right places. The committees are large enough and it is to be hoped that every man of them will do his duty.

From what we know there will be a gay time during the holiday season. Many social events are announced and there will be no flowers going to waste for the next two months. Everything points to this being the best season for the florist in the history of our trade. And why should it not be in a growing community and the country at large prosperous.

Pan-American Exposition.

The month of November just closed has been one of the worst for outside work that we ever remember and somewhat retarded the finishing up of the ground work around the buildings. All of the buildings are about under cover and the staff work and plaster is also about complete. The interior finishing and decoration will go on continuously until completion. Between snowstorms and rain the horticultural department managed to get in all the bulbs. Of hyacinths, tulips, narcissi, Spanish iris and other kinds there are upwards of 200,000 planted in the various beds in that portion of the grounds known as the Music Gardens. There are upwards of 150 of the beds and with few exceptions filled with spring flowering bulbs, and are the exhibit of many different firms.

These beds are of all sizes, ranging from a surface of 100 square feet to that of 8,000 square feet. This portion of the grounds, which you enter immediately from the Elmwood gate, consists of some fifteen to twenty acres and is practically finished. It must present a most beautiful appearance in the spring as those few beds not occupied by bulbs will be filled with pansies. There are about twenty-five of them reserved for pansies, which will be planted as soon as the ground is in condition to work in the spring, and a few are occupied by hybrid perpetual roses, so that during the month of May this part of the grounds will be most attractive. A large quantity of herbaceous plants has also been planted in several long borders, also in this part of the grounds.

The Department of Works has also planted about a quarter of a million bulbs. Two long borders on each side of the Cascades, each about 500 feet in length by 15 feet in width, are planted with a great variety of hyacinths and tulips in geometrical designs. The large beds destined for summer blooming plants have also been filled with bulbs. These must make a most brilliant show in the early days of the exposition. With all the inclement weather a great deal of planting has been done in the neighborhood of the island on the banks of the Eastern Canal and in that portion of the grounds occupied by the foreign and state buildings. The last piece of structural iron was put on the electric tower within a few days, making a total height of 385 feet. Looking from the esplanade over the cascades and grand basin, the electric tower, with the grand architecture of the transportation building on the left, the manufactures building on the right, the horticulture building to the west and the government building to the east, with many smaller buildings in view, this will be a most imposing sight.

The large consignment of palms, dracaenas, oranges, etc., etc., from California has been carefully housed in large wooden buildings with sufficient light for their welfare. As there are to be thousands of feet of boxes filled with flowers and drooping and climbing plants, and also many hundreds of vases to adorn the grounds the propagating at the greenhouses is going on very lively. With all these and the immense amount of carpet bedding that the plans call for an enormous lot of plants will have to be ready by the first of June.

All who have seen the horticulture building, the exterior of which is about completed, pronounce it the most handsome structure for the purpose that has ever been seen at any exposition and it certainly is a beauty. The two large conservatories leading from it to the mines and graphic arts buildings are being glazed and will by the first of the year be heated with steam. They are large and commodious structures and admirably adapted to the welfare of growing plants. All visitors are charmed with the coloring of the buildings. There is a variation in all of them but they are a most beautiful combination of tints.

William Scott.

GRAND RAPIDS, MICH.

We have had very irregular weather of late, and trade has followed in the weather groove. At Thanksgiving it was fine, just cold enough to strongly suggest winter and mild enough to suit the most fastidious. The shipping demand was steady and cleaned up stock close. Carnations, being very scarce, brought good prices, although the wholesale price did not differ materially from the retail. Roses were about equal to the demand except Beauties, which were scarce. Violets are in heavy demand,

the supply being limited and quality fair to good. The mild, warm weather has had a very depressing effect on the violet crop, which are not blooming as freely as they will when steady cold weather sets in. The supply of chrysanthemums was ample and there are some fine blooms still on the market. Paper whites were in and very tine. Altogether Thanksgiving trade was good, yet not up to the standard of last year. Carnations retailed for 50 to 75 cents per doz.; roses, $1 to $1.50; violets, 25 cents per doz.; paper whites, 75 cents; mums, a fair grade at 50 cents per doz. and from that to $1, $1.50 and $2 per doz. Carnations still continue scarce.

Friday morning we were surprised to meet Robt. Klagge and James Taylor, of Mt. Clemens, in one of the violet houses, looking for information and a good time. They first inspected Crabb & Hunter's twenty-two houses, nine of which are grown to violets, which they pronounced remarkably fine, and when they had seen the Irene carnation growing thought so well of it that Mr. Klagge changed his order for 100 to 1,000; the plants were loaded with buds and flowers and showed up far better than anything else on the place in the carnation line.

The next place visited was Chadwick's 4-acre range, on Burton avenue, devoted to carnations, lettuce and violets. The visitors admitted that it was larger and more modern than anything around Detroit or vicinity.

The Grand Rapids Floral Co. also came in for a share of praise. They have about 60,000 square feet of glass, devoted mostly to cut flowers. Here we saw a house of poinsettias that made us all envious; they were in nice condition to hold for the holidays.

Hopp & Lempke had a house of Beauties, the finest in town, and a house of Marie Louise violets that were exceptionally fine.

At Hill & Pobimann's there was nothing but violets; five houses of them, and all in fine shape; the varieties grown are Lady Campbell and Farquhar. Over on the west side we called on Mr. Cunningham, who happened to be out. We went through his houses and found his stock looking healthy and nice. He runs a store on Canal street in connection. At the John Ball Park greenhouses we were disappointed in not finding W. L. Cukerski, park superintendent, in. Everything was in neat and trim condition; the palm conservatory was a sight to remember. While not as large as those of the Chicago parks it was as fine except in size and extent; they utilize every square inch of space possible; under the bench, on the bench and another narrower bench above that. Echeveria, alternanthera, sedums, cannas, geraniums and coleus are their principal bedding plants, although some cut flowers are also grown.

Our next stop was at Henry Smith's on W. Bridge street hill, where we were invited to dinner, before inspecting their 75,000 square feet of glass. Their roses were exceptionally fine, the Golden Gates being the finest Mr. Klagge has ever seen.

The next stop was to have been at Eli Cross' violet plant, but when part way there the visitors requested to be taken to the depot instead or they would miss their train. They came with an idea that we represented a kind of a one-horse town, but when they saw that we outclassed Detroit, not only in the extent and size of the individual concerns, but in the modern, well constructed greenhouses, they playfully remarked: "We will go home, sell out, move our plant to Grand Rapids and grow violets." GEO. F. CRABB.

A VISIT TO BLOOMSBURG, PA.

I recently visited Bloomsburg and found Mr. J. L. Dillon up to his eyes in work. His roses are looking very healthy and the carnations are in the pink of condition. He said he had planted over 40,000 and has not lost over a hundred plants from stem rot. Here also is the home of the verbena. The stock is in fine shape, there being no trace of disease on his thousands of plants. But the grandest sight of all was a house of Liberty roses. He has 1,500 plants and I would think there were twice that number of flowers on them. Looking over them from one end of the house they were just one mass of blooms on stems from one to two and a half feet long. I asked why he didn't market the flowers and he replied that it paid him better to use the wood for propagating. He has now about 8,000 cuttings rooted and could easily put in 10,000 more. In reply to my question as to whether he thought grafted plants did best he pointed to another bed of plants that were not grafted and the grafted plants certainly had the best of it in the comparison. Speaking of grafting Mr. Dillon has planted outside several hundred Manetti stocks to propagate from. He believes he can raise better and cheaper stocks than he can buy.

I also saw his new white carnation Queen Louise, and it is a grand thing. He said it was a continuous bloomer, never cropping. The plants were strong and vigorous and are continually throwing up flowering shoots.

Mr. Dillon added two more houses this summer to his already large plant and I suppose he will keep on building. But he does not invest all his money in greenhouses. He has just bought an elevator factory, so you may expect some day to ride to the top of some of your sky scrapers in one of the latest improved Dillon elevators.

I was much pleased with everything I saw at this place and if any other readers of the Review should ever be within reach of Bloomsburg I would advise them to visit Mr. Dillon's place, where I am sure they will receive as cordial a welcome as I did.

GEO. W. CARR.

Kingston, Pa.

INCREASE your foreman's ability by giving him a copy of our Florists' Manual—prepaid for $5.00.

THE BEST THING in the world to give yourself for Christmas is a copy of our $5.00 Florists' Manual.

CHRYSANTHEMUM SOCIETY.

Following are the reports of the committees judging seedlings and sports:

Chicago, Nov. 24.—"Chestnut Hill," yellow, was exhibited by John N. May, Summit, N. J., which scored 88 points commercial scale.

The variety exhibited by John N. May at Philadelphia, Nov. 17, under No. 112, has been named Zampa.

EDWIN LONSDALE, Secretary.
Wyndmoor, Pa.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 75 words in any issue desired during the year. If the advertisement exceeds 75 words, send at the rate of one cent for each additional word.

FOR SALE—64 sashes, 3 feet by 6 feet, 7-in. by 9-in. glass, good for frames making a house 10 feet by 100 feet; $65.00 for the lot. John Reck, Bridgeport, Conn.

FOR SALE—A bargain in show cases. Several in good order for sale cheap. Thrown out on account of changes; also several thousand of Gasser's zinc joints, 12 and 16-inch R. E. Shuphelt, Chatham, N.Y.

FOR SALE—One Wilks hot water heater as good as new. M. & S. Dysinger, Albion, Mich.

WANTED—Catalogue and price list from firms dealing in florist goods at reasonable prices only. C. J. Housk, 105 Croton Street, Cleveland, Ohio.

A1 Stock.

Asparagus Plumosus Nanus,

EXTRA FINE, from 3 inch pots, $1.00 per doz., $7.50 per 100; $65.00 per 1000.

Asparagus Sprengeri,

From 2½-in. pots, $2.50 per 100; $20.00 per 1000.

English Ivy, Extra good. From 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Hydrangea "Otaksa" and "Hogg," good **field-grown** plants, 3 to 6 branches, $1.50 per doz.; $10.00 per 100.

Hydrangea "Otaksa" and "Red Branched," from 2½-inch pots, well rooted, 5c per doz., $3.00 per 100.

Honeysuckle, "Halls" and "Belgica," Field-Grown, two years old, strong, $3.00 per 100.

Vinca (Trailing), Green and Variegated, from 4-inch pots, Field-Grown, 75c per doz.; $4.00 per 100. From 3-inch pots, 60c per doz.; $4.50 per 100.

All orders amounting to $5.00 will be sent F. O. B. New York City. Those from unknown correspondents will be forwarded C. O. D.

SEAWANHAKA GREENHOUSES,

WM. L. SWAN. Proprietor.

Lock Box 227, OYSTER BAY,
Nassau Co., New York.

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Florists' Review
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FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.
Mention The Review when you write.

SAMUEL S. PENNOCK.

Wholesale Florist

{ Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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SAN FRANCISCO.

The Market.

Our Thanksgiving trade was very good this year and our florists feel thankful for it. The weather a few days before Thanksgiving day was very stormy accompanied by heavy rains. Slight damage was done greenhouse property in the way of glass breakage, but outside stock suffered, chrysanthemums being leveled to the ground, making that stock scarce and high priced. However, with what could be gathered from the outside and a fair supply of inside roses and carnations, in most cases the supply was equal to the demand.

A sad accident happened at the ball game on Thanksgiving day that helped to mar the pleasure of the day. A number of men and boys climbed on a building near the ball grounds to view the game when suddenly the roof gave way, killing 18 and wounding 85 men and boys and as a result funeral work is very plentiful this week.

Prices: American Beauties, $2 to $4; Brides and Maids, 15 to 75 cents; Meteor, 75 cents to $1; Liberty, $1; Kaiserin, 75 cents to $1; Cecil Brunner, 15 cents per dozen. Carnations—Hobart, $1; Crocker, 50 cents; Schwerin, 35 to 50 cents; Hill, 35 cents; Portia, 15 to 20 cents per dozen. Chrysanthemums—Bonnaffon, 75 to $1.50; Jones, 35 to 50 cents; mixed lots, 25 cents per dozen. Valley, 75 cents per dozen. Roman hyacinths, 35 cents per dozen. Violets—Princess of Wales, $1 to $2; California, $1; Marie Louise, $1 per dozen. Smilax, 8 cents per string. Tuberoses, 75 cents per dozen.

Notes.

Mr. Thomas Stevenson, the London florist made a fine display of his new violet, Duchess of Marlborough, on Thanksgiving day and they bought up quickly. It's a seller.

Sievers & Boland, as usual, had a fine window display for Thanksgiving.

Pelancano & Co. had a showy window of roses, among them were some very good Brides maids and another window of choice carnations.

Inside chrysanthemums are nearly all out, very few are to be seen in market. Violets had the call on Thanksgiving day, many stores being sold out early in the day.

Galloway, of Fruitvale, has a fine lot of the Lawson carnation a perfect sheet of buds with grand stems. Mr. Galloway thinks well of it.

Marse & Nelson, Oakland, are making a specialty of standard roses and will have a fine lot for 1901.

Madam Prentice, Washington street, Oakland, has planned a new carnation house for spring of 1901. J. N.

Good employes are hard to find and not easy to grow. Encourage some one of yours by making him or her a present for Christmas of our $5.00 copy of "The Florists' Manual."

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.;	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant, 2½-inch pot,	8 to 10 inches high		$15.00 per 100
1 " 3 "	10 to 12 "		20.00 "
1 " 4 "	18 inches high		.50 each
3 " 5 "	18 "		1.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4 50 per doz.;	$35.00 per 100
6 "	5 "	24 to 28 inches	12.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1 25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "
8 "	6 "	48 to 50 "	4.00 "	48.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

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FANCY

DAGGER

HARDY CUT FERNS

In 1000 lots, $1.00 per M. Discount on larger orders. Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

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VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakeneld, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Graod Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100; $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

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Hardy Herbaceous Plants

All strong field-grown plants. **Coreopsis Lanceolata, Digitalis, Aquilegia,** double and single mixed; **Gaillardia Grandiflora, Hypsophila Paniculata, Hibiscus** Crimson Eye, Chater's choice double **Hollyhocks** in five separate colors, **Hardy Pinks** in eight choice varieties, $3.00 per 100, $25.00 per 1000. Cash with order.

CHAS. S. DUTTON, 85 W. 12th St. HOLLAND, Mich.

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Seasonable Stock.

BEGONIA REX, 3-inch pots, in good assortment, **$6.00** per 100.

ASPARAGUS PLUMOSUS NANUS, 3-inch pots, fine stock, **$7 00** per 100.

VINCA MAJOR VARIEGATA, field-grown, extra strong, **$6 00** per 100.

NEW GERANIUMS, including Jean Viaud and other choice sorts.

Stock plants of all the best **CHRYSANTHEMUMS.**

Send us list of wants for prices.

NATHAN SMITH & SON, - ADRIAN, MICH.

Mention The Review when you write.

WE ARE GROWING FOLLOWING **ROSES**

Meteors, Brides, Maids, A. Vic, K., Perles, Beauties, Liberty, Golden Gate, La France, Belle Seibrecht, Pres. Carnot.

Rooted Cuttings now ready. Write us.

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

Special Cash Sale.

		Per 100
2000 Chinese Primrose,	2-in. pots,	$1.00
1000 Cineraria,	"	2.00
1000 Asparagus Sprengeri,	"	2.00
1000 Asparagus Plumosus,	"	3 50
10,000 Geraniums, my selection,		3.00

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y. SADDLE RIVER, N. J.

Always Mention the....

Florists' Review

When Writing Advertisers.

McKELLAR & WINTERSON

Wholesale Dealers in everything for Florists.

WHOLESALE PRICES.

Roses, Am. Beauties, select, per doz. $1.00
" " medium, " 2.00
" " short, " 1.00 to $1.50
" Meteors, Liberty . . . per 100, 5.00 to 7.00
" Brides, Bridesmaid . . . " 5.00 to 7.50
" Perles . . . " 3.00 to 5.00
" Our selection . . . " 4.00 to 5.00
" Good seconds . . . " 3.00
Carnations, extra select . . . " 2.00 to 3.00
" good quality . . . " 1.50 to 2.00
" our selection . . . " 1.50
Chrysanthemums, extra select " 20.00 to 25.00
" good quality " 10.00 to 15.00
Orchids, Cattleyas, select . . . per doz. 6.00
" Cypripediums, select " 1.50 to 2.50
" assorted sprays, etc., per box 5.00 to 25.00
All Orchids very scarce.
Violets, extra select, double . . per 100, 2.00
" single . . . " 1.00 to 1.50
Valley, extra select . . . " 4.00
Stevia . . . " 1.50 to 2.00
Bouvardia . . . " 2.00 to 3.00
Mignonette . . . " 6.00 to 8.00
Marguerites . . . " .60 to 1.00
Paper Whites . . . " 3.00
Romans . . . " 3.00 to 4.00

DECORATIVE STOCK.

Ferns, Adiantum . . . per 100, .75 to 1.00
" common fancy . . . " .20
" " . . . per 1000, 1.50
Ivy Leaves, fancy . . . per 100, 50c " 4.00
Galax Leaves, fancy . . . " 15c " 1.25
Leucothoe Sprays . . . " 75c " 6.00
Smilax, extra select . . . per doz. 2.00
" choice ordinary . . . " 1.25 to 1.50
Asparagus Plumosus, select strings, per doz. 6.00 to 8.00
Asparagus Plumosus, sprays, per bunch, 50c to 75c
Asparagus Sprengeri . . . per doz., 25c to 50c
Wild Smilax, No. 1 contains 15 lbs., per case, 2.00
" No. 2 " 20 lbs., " 2.50
" No. 3 " 25 lbs., " 3.00
" No. 4 " 35 lbs., " 4.00
" No. 5 " 40 lbs., " 5.00
" No. 6 " 50 lbs., " 6.00

Prices subject to change without notice.

POINSETTIAS FOR XMAS.

Extra select, longest stems, largest flowers . . . per doz., $1.00 to $3.00
Extra select, fancy stock . . . " 3.00 to 3.50
Good grade . . . " 2.00 to 2.50
Ordinary and smaller flowers " 1.00 to 1.50
Extra select, fancy stock . . . per 100, 25.00

Order now and secure finest stock at right prices. You cannot afford to be without Poinsettias for Xmas trade.

"We originate."
"Others imitate."
IMITATION is the most sincere flattery.

Florists' Auctioneers.

XMAS GOODS--ALL KINDS.

We are booking orders on all the following goods for December delivery. We guarantee our prices as low as any reputable house:

Select Delaware Holly . . . per case, $4.50
" " . . . 5 cases, 20.00
Southern Holly, per case, $3.50; 5 cases, 15.00
Bouquet Green, scarce. Write or telegraph for prices.
Bouquet Green Wreathing, per 100 yds, 4.00 to 5.00
Holly Wreaths, Green Wreaths, Mistletoe,
Wild Smilax, Xmas Trees, Needle Pines,
Cape Flowers, Immortelles and all decorative stock at lowest prices.
Immortelles, yellow . . . per doz. bunches, $2.25
" all other colors, " " 2.50

Place orders early with us and receive the best stock in the market.

SUPPLIES, ETC., ETC.

Sphagnum, burlap bales, ea. $1.00; 6 for . . . $5.00
" wire pressed . . . .75; 6 for . . . 4.00
Tobacco Stems, fresh, 200 lbs for . . . 1.50
Preserved Cycas Leaves, assorted, 24 inches and up, per 100 . . . 15.00
Cape Flowers, white, per lb . . . 1.00
" " colored, " . . . 1.50
Tissue Paper, manilla, per ream 50
" white, " . . . 1.00
Wax " manilla, " . . . 1.40
" " white, " . . . 2.00
Doves, first quality, ea. $1.00; per doz . . . 10.00
" second " " .85; " . . . 9.00
Rubber Aprons, ea. $1.50; per doz . . . 15.00

Full stock of all Supplies, including Ribbons, Tin Foil, Toothpicks, Baskets, Wheat Sheaves, Bouquet Pins, Immortelles, Flower Vases, Jardinieres, Artificial Palms, etc.

Send for Complete Catalogue.

FLORISTS' RIBBONS
Order Now for Christmas.

Some of the colors we supply are: **American Beauty, Bridesmaid, Meteor, Holly-Berry, Lavender, White, Cream, Purple, Green, Yellow, Orange, Lilac, Pink, Violet, Black,** and all the different shades of leading colors. Send us your order now. You cannot duplicate this quality of Ribbon for less than 20 per cent. higher prices.

No. 2	No. 5	No. 7	No. 9	No. 12	No. 16	No. 22	No. 30	No. 40	No. 60
25c	45c	60c	75c	90c	$1.10	$1.30	$1.65	$1.75	$2.00

The prices quoted are for ten-yard bolts.

McKellar & Winterson,

45-47-49 Wabash Ave. CHICAGO, ILL.

Mention The Review when you write.

SURPLUS STOCK SALE.

Hyacinths.

	12	100
Dutch, 1st size, separate color	$ .50	$3.50
Fine named sorts, our choice	.15	1.15
Miniature Hyacinths, our choice, named	.40	2.25

	Per 100	Per 1000
Narcissus. Von Sion, extra size	1.25	11.00
" fine bulbs	1.00	8.00
" Trumpet Major	.85	7.00
" Alba plena odorata	.75	6.50
" All sorts and Trumpets, single and double mixed	.75	6.50

Tulips. MUST BE SOLD. Make bid on following: La Reine, La Candeur, Yellow Prince, Rosamundi, Hugkinan, Montresor, Murillo, Rex Rub., Duke of York, Joost V. Vondel, etc.
Single and double mixed, 100, 75c; 1000, $6.50.

CYCLAMEN Persicum Giganteum bulbs, finest strain in five separate sorts, per 12, $1.10; per 100, $7.50.

SPOTTED CALLA, 12, 50c; 100, $3.00.

EXTRA OFFER. **Lil. Longiflorum,** 5x7, 100, $4.00; 1000, $35.00. 7x9, 100, $7.50; 1000, $70.00, as long as they last. Above is all FINE, SOUND, A No. 1 stock, offered at bargain prices.

JAPAN FERN BALLS. Due in December. Send for circular. **Fresh Crop Sweet Pea Seed.** All popular sorts, 20c-25c a lb.

Address **H. H. BERGER & CO.,**
Est. 1878. 47 Barclay St., New York.

Mention The Review when you write.

GRAND BAY, ALA.—A chrysanthemum show was held here Nov. 23 and numerous prizes awarded.

ROCHESTER, PA.—B. F. Engle is quite ill. His wife has just recovered from an attack of pneumonia.

POLO, ILL.—M. L. Miller has sold his interest in the Polo Greenhouse to Henry W. Helm.

SURPLUS STOCK - MUST HAVE ROOM.

THIS OFFER FOR ONE WEEK ONLY.

Baby Primrose . . . . . (in flats) at $2.00 per 100.
" " . . . . . 2-inch . . . at 3.00 "
" " . . . . . 2½-inch . . . at 4.00 "

Send for list and prices of Plants and Rooted Cuttings.

Terms Cash or C. O. D.

Vinca Variegated . . . . . 2¼-in., at $2.50 per 100
" " . . . . . 3-in . . . at 4.00 "
" " . . . . . 3½-in . . . at 8.00 "
" " . . . . . 4-in . . . at 10.00 "
" " . . . . . 5-in . . . at 15.00 "
" " Rooted Cuttings, at $10.00 per 1000; $1.25 per 100.

Will exchange for Elm City and Phenomenal Fuchsia Stock Plants.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

AGERATUMS.

COPE'S PET . . . . . **.50c per 100**
LADY ISABEL . . . . . **.50c "**
PARIS DAISIES . . . . . **.75c "**
LITTLE GEM FEVEREEW .75c "

Cash with order.

FORT DODGE GREENHOUSE CO.,
H. E. MITTING, Manager.
FORT DODGE, IOWA.

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PALMS and FERNS

Home Grown, Fine Clean Stock: Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
Mention The Review when you write.

PELARGONIUMS.

Rooted Cuttings, good varieties, named, $2.00 per 100; Heliotrope, R. C., 14 varieties, $1.00 per 100, $8.00 per 1000; Petunias, double, good varieties, $1.25 per 100; Giant Alyssum, $1.00 per 100. Satisfaction guaranteed. Cash with order. Express prepaid on all R. C., except Pelargoniums. Write

S. D. BRANT, - CLAY CENTER, KAN.

Mention The Review when you write.

PRIMROSES.....

Primroses, latest improved large flowering, fine plants, 2¼-in., $1.50 per 100; 3-in. extra strong, $4.00 per 100. Cash please.

J. W. MILLER, HATTON, PA.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertiser

KANSAS CITY, MO.

What more could a florist wish for on Thanksgiving Day than plenty of good mums and perfect weather? Such was the condition which existed here all last week and trade far exceeded our expectations and eclipsed all previous years.

At the football game between Missouri and Kansas the spectators numbered about 7,000 and every other person was wearing a chrysanthemum and a big one at that. Roses and carnations took second place, while everybody wanted a mum, and we doubt if there ever were so many seen here and disposed of as were sold Thanksgiving Day.

Arthur Newell handled over 1,000 good blooms, and the Golden Weddings and Jerome Jones seen at his Walnut street store were whoppers. This small, but neat and attractive store is presided over by Lawrence Schmager, a typical Jayhawker and the only florist in town who can get $1 for a single bloom.

The Hon. Billy Bastian, packer and right hand man to Mr. Geo. M. Kellogg, Pleasant Hill, Mo., made his semi-annual visit to this town last week.

Samuel Murray is the only downtown florist who has a conservatory in connection with this store. On November 15, 16 and 17 Mr. Murray gave a chrysanthemum show, and every flower was of his own production. The store and windows were beautifully decorated, Chicago style, by Miss Hayden with orchids, fairleyense fern and the latest varieties of carnations. The dignified Ellsworth, wearing his broadcloth, proved himself to be the right man for the place, being very attentive to the ladies and looking after his employer's interest. As a grower of fine plants Mr. Murray excels, and the specimen mum plants on display were one mass of well developed blooms and were a great attraction and when offered for sale netted Sam a neat little sum. H. J. M.

ARAUCARIAS.

In the Review of Nov. 8 Mr. John Reardon gives an account of his method of rooting the tops of old araucarias. I have been doing the same for years and root in a similar way the tops of a great many other plants that have grown leggy, such as dracænas and all of that class of plants. The yucca is very easily rooted that way. I tongue them only on one side and use moss to keep the cut open. All plants except araucarias root readily in sphagnum moss.

James Morgan.

Auburn, N. Y.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its monthly meeting on Nov. 28. The chief business of the evening was to nominate officers for the ensuing year. Henry Rayner was elected to membership. R. Angus.

Hollis, L. I.—Wm. Stupp has removed his business to Englewood, N. J.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

BRANT & NOE, 124-128 Sixth Street, N.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale, Ill

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.

32, 34, 36 Randolph St.

CHICAGO, ILL.

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F. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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Wholesale Growers of **Cut Flowers.**

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue. CHICAGO.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

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WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.

ALL THE NEW VARIETIES.

....YOUR BUSINESS SOLICITED....

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WHOLESALE FLORISTS

A. H. POEHLMANN,

Wholesale grower of and dealer in

CUT FLOWERS.

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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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WHOLESALE FLORIST,

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Special Attention given to Shipping Orders.

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FRANK M. ELLIS,

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CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

PRICE LIST.

Subject to change without notice.

	Per 100.
Beauties, long	$30.00 to $40.00
" medium	18.00 to 25.00
" short	8.00 to 12.50
Brides, Maids	4.00 to 5.00
Meteors	4.00 to 5.00
Perles	3.00 to 4.00
Roses, our selection	3.00
Carnations	1.25 to 1.50
" named varieties	2.00 to 4.00
Violets	1.25 to 1.75
Valley	4.00 to 5.00
Romans	3.00 to 4.00
Narcissus	3.00 to 4.00
Stevia	1.00
Yellow Marguerites	.60 to .75
Adiantum	.75 to 1.00
Chrysanthemums,	
Fancy, per doz	2.00 to 3.00
Medium, "	1.25 to 1.75
Common Ferns, selected	per 1000, 2.00
Smilax	per doz., $1.25 to 1.75
Asparagus "	6.00 to 7.00
Leucothoe Sprays	per 100, 75c to 1.00
Galax, Green	per 1000, 1.50

Mahonia Leaves, Per 100, $1.00

A WORD to GROWERS of CARNATIONS:

We have sold the cut of **IRENE** a pink carnation, and consider it one of the best commercial sorts we have ever handled.

WE ARE NOW BOOKING ORDERS for CUTTINGS.

PLACE YOUR ORDERS NOW.

$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

Floral Fancies, Language of Flowers,

TWO NEW ADVERTISING SOUVENIRS FOR THE FLORIST.

Diffuse in poetry and sentiment. Of special interest to young people. Elaborate in designing, handsome and attractive. Inexpensive. Samples 4 cents in stamps.

DAN'L B. LONG, Publisher, Buffalo, N. Y.

Having Secured

A large block of the stock of the Sensational New Chrysanthemum

TIMOTHY EATON

we are now ready to book orders for it for spring delivery. There is sure to be a big demand for it. **Everyone will want it.** In order to insure earliest deliveries, **order at once.** Orders filled strictly in rotation as received, beginning April 1, 1901.

50c each, $5 per doz., $30 per 100.

LAST SEASON WE SENT OUT

COL. D. APPLETON,

which has proved to be the finest Yellow Chrysanthemum ever introduced. We are now booking orders for this for spring delivery at **$8.00 per 100.** Let us book your order at once, while you have the matter in mind, for such quantity as you can use. Plants will be forwarded as soon as spring propagations are ready.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

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Choicest Stock. LOWEST PRICES.

VERBENAS, 20th Century Collection now ready. The finest set of New Mammoth Verbenas in America. 25 grand sorts, strong 2-inch pot plants, $2.00 per 100; strong rooted cuttings, 60c per 100; $5.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit; strong 2½-inch, $1.50 per 100, (special).

GERANIUMS, strong 2-inch, mixed colors, $1.50 per 100. Strong R. C. of Brunnti and Heteranthe, best scarlet bedders and all colors mixed, $1.25 per 100, $10.00 per 1000, (special). Mme. Salerol, strong 2½-inch, $1.50 per 100; 2-inch, $1.25 per 100. Rose Geraniums, strong R. C., $1.00 per 100, (special).

NEW AGERATUMS, Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2½-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2½-in., ready for 3-inch, $2.00 per 100, (special).

ROSES, strong 2½-inch Brides and Maids, $2.00 per 100, (special).

NEW DBLE. FRINGED PETUNIAS. The set we are to send out this season is a record breaker. Strong R. C. ready Dec. 10th. Place your orders early for this collection.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

PALMS... and BOSTONS

WALTER RETZER & CO.

2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

Mention The Review when you write.

CHINESE PRIMROSES.

Red, white and mixed, for Christmas blooming, 4-in., in large bud, $6 per 100; without bud, $4 per 100.

SAMUEL WHITTON, 15-16 Gray Ave., Utica, N. Y.

Always mention the Florists' Review when writing advertisers.

SPECIAL TO CHICAGO and WESTERN TRADE:

To better introduce our **LAUREL FESTOONING** we will allow on all orders sent to us so we can ship before December 10—freight to Chicago.

We make three grades, 4c, 5c and 6c per yard. All is made round. We recommend the 5c grade and know once you use it you will always order of us. Send your orders early and you won't get left. Telegraph office, New Salem, Mass.

CROWL FERN CO., - MILLINGTON, MASS.

Mention The Review when you write.

Boston Ferns TRUE TO NAME.

Small plants from bench, $1.60 per 100.
7,000 2-in..... 2.00 "
4,000 3-in..... 4.00 "

Let us grow your large ferns for next summer and fall delivery. Our prices are surprisingly low. Write us.

DAVIS BROS., Morrison, Ill.

Mention The Review when you write.

500,000 VERBENAS....

60 finest named varieties including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

ROSES for Spring Blooming—The proper sorts—Clothilde Soupert, Geo'l Jacqueminot, La France, Coquette des Blanches, Coquette des Alps, etc., fine one and two year field grown plants that have never been forced, suitable for 5-in. pots, at 5c. Also some extra strong suitable for 6 or 8-in. pots, at 8c. Large flowered Clematis for forcing, Purple, White and Lavender sorts, from 5-in. pots, 18c. Also some one year field-grown at a low figure. Clematis Paniculata, fine three year plants, 10c; fine two year, 8c. Packing free for cash. Have also some second hand 3 and 4 in. pipe to offer cheap.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box $1.60.

Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Always mention the Florists' Review when writing advertisers.

DENVER, COLO.

Various Notes.

Nearly all the stores report a good Thanksgiving day trade. In cut flowers the market was well cleaned up. Beauties being very scarce, mums made their exit on that day and while trade in them has been good this season I guess the only sorrow felt is that their going leaves the store a little empty. Violets were reasonably plentiful and the demand was good. The supply of carnations fell short and prices had to be raised; fancy varieties selling well and at a good price.

There was a good sale on plants during the week and some of the best pot mums of the season were seen. About the most striking thing seen was a fine batch of poinsettias in pots and pans, these in the latter being particularly fine, grown by the Park Floral Company, who report a good sale on them but expect it will be better when snow is on the ground. This firm also made plant baskets a feature. Primula obeonica and the Baby primrose being largely used.

We have for a Denver resident, but not engaged in the trade, Mr. W. J. Crowe, of Utica, N. Y. Billy puts in a good deal of time around the trade but does not mix up with it in any way. "Just a little lonesome now," he says, "but will feel better when 'hubby' and the little Crowes come west in January," for it is his intention to make his home here.

I will state for our benefit that Denver bowlers are now on regulation alleys and oh, the difference! A good-sized crowd turned our last bowling night to experiment and I'm afraid if the scores were printed they would show up rather low. So "J. J. B." and "K." please be kind and give us a fair trial before you start, for you certainly will have plenty of chances to "get back."

Rocky.

OMAHA.

Business in Omaha has been very good for the past two or three weeks, the demand being far ahead of supply in Beauties, carnations and violets. Just before Thanksgiving the white mums gave out.

The Thanksgiving trade has been satisfactory but not quite up to preceding years, for which there is no apparent reason.

The prices prevailing here at present are: Roses, best, $1.50; seconds, 75 cents; carnations, 50 and 60 cents; violets, $1 and $1.50 per 100. Beauties range from $2 to $7 per dozen.

A. Donaghne, Jr., has been laid up for the past week. B.

SOW BUGS.

J. K. asks how to get rid of sow bugs. Use a mixture of two-thirds granulated sugar and one-third paris green. After being well mixed spread on dry boards where the bugs congregate and in the morning there will be plenty of dead bugs. I also find that toads in the greenhouses will take care of such bugs, also snails. James Morgan.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. **THE COTTAGE GARDENS, Queens, N. Y.**

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

Unrooted Carnation Cuttings.

	Per 100	Per 1000		Per 100	Per 1000
Morning Glory, the coming Daybreak	$2.50	$20.00	Mary Wood, white	$1.00	$7.50
Mrs. Bartlett (Dorner) scarlet	2.50	20.00	Gold Nugget, yellow	1.00	7.50
Genevieve Lord, light pink	1.50	10.00	Gen. Maceo, maroon	1.50	12.50
E. Crocker, bee pink	1.75	12.50	Gen. Gomez, dark red	1.25	10.00
Mrs. F. Joost, pink	.75	5.00	Morning Glory, Rooted Cuttings	5.00	40.00
Glacier, white	1.00	7.50	G. H. Crane, scarlet "	2.25	20.00

25 Cuttings at 100 rates; 250 at 1000 rates.

PLANTS.

	Per 100		Per 100
10,000 Coleus, named varieties, 2¼-in	$1.50	3,000 Cedum Variegatum, 2¼-in	$1.50
20,000 Alternantheras, red and pink, 2¼-in	1.50	5,000 Cigar Plants, 2¼-in	1.50
1,000 Salvias, 2¼-in	1.50	1,000 Asparagus Plumosus Nanus, 3-in	5.00
1,000 True Boston Ferns, 3-in	$5.00 per 100		

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

WHERE TO BUY HOLLY

Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.

HOLLY WREATHS. Only first-class materials used—fresh green leaves pleasfully c ustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.

NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine clock of Japanese Plum.

PLANTS. Can furnish anything you wish in plants.

☞ **GOODS ARE THE BEST. PRICES ARE LOW.**

Write for Particulars. **W. W. PULLEN, Nurseryman and Fruit Grower, MILFORD, Del.**

Mention The Review when you write.

NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100. " for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**

Mention The Review when you write.

Burpee's Seeds Grow

Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders, I'll make it worth the trouble of writing for prices now.

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

Mention The Review when you write.

ROOT YOUR OWN CARNATION CUTTINGS.

Not having room, we offer the following nice unrooted cuttings, or pips, until further notice:

	Per 100	Per 1000
Morning Glory, shell pink	$2.50	$20.00
G. H. Crane, scarlet	1.50	10.00
Pero white	2.00	15.00
Genevieve Lord, light pink	1.50	10.00
Gold Nugget, yellow	1.50	10.00
Mrs. Bradt, variegated	1.50	10.00
America, scarlet	1.25	9.00
Mary Wood, white	1.25	9.00
White Cloud	1.25	9.00
Gen. Maceo	1.50	10.00
Mrs. Bartlett (Dorner), scarlet	2.00	15.00
Mrs. F. Jeost pink	.50	4.00

BY MAIL, CASH OR C. O. D.

H. E. MITTING, FT. DODGE GREENHOUSE CO.

FORT DODGE, IOWA.

Mention The Review when you write.

Genevieve Lord

The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants. New and Old Varieties. Write for prices.

H. WEBER & SONS, Oakland, Md.

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Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Orders Now Booked for ROOTED CUTTINGS of CARNATIONS.

CHICAGO CARNATION CO., Joliet, Ill.

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EDWARD B. JACKSON,

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HARDY HERBACEOUS PLANTS ONLY.

In any quantity for the least money.

STAMFORD, CONN.

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PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000 f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free. stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100 00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation. The winner of the Lawson Gold Medal in 1900. **$16.00** per 100; **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100; **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. So much praise cannot be given this grand little pink variety. Price $5.00 per doz.; $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write.

Geranium America!

A QUEEN AMONG GERANIUMS.

COLOR, from purest white to deepest rose.
DWARFNESS, just right.
FLORIFEROUSNESS, astonishing.
Strong Plants, $5.00 per 100. 25 at 100 rate.
Ready now.

HENRY EICHHOLZ, - Waynesboro, Pa.

Mention The Review when you write.

THE MODEL ROSE STAKE Looped and Pointed.

GALVANIZED STEEL

Wire Rose Stakes

Straight or Looped and Pointed.

...ALSO...

The Model Extension Carnation Support

LANCASTER, PA., June 17, '99.
MR. THERON PARKER,
Brooklyn, N. Y.
DEAR SIR:—Your Model Carnation Support is all right in every way, and will no doubt be considered as necessary as good plants with growers when better known. I consider it the best in the market, and if your other Specialties are as good, they should make another addition to the money makers of 1900.
Very respectfully,
ALBERT M. HERR.

Samples and Prices on Application to

THE MODEL PLANT STAKE CO.,

226 North 9th Street, BROOKLYN, N. Y.

THE MODEL PLANT STAKE for Lilies and all Pot Plants.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Savitzii, trailing, and five others. $1.50 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Abutilons, rooted cuttings, 60c per 100. H. Millingar, Merchantville, N. J.

ACALYPHA.

Acalypha Sanderi, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Cope's Pet and Lady Isabelle, rooted cuttings, 50c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Louise Bonnett, Princess Pauline, Cope's Pet, White Cap, 50 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices.
A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

A. nana, yellow; P. major, red; R. nana, pink, 50c per 100; $4.00 per 1,000. Cash. A. J. Baldwin, Newark, Ohio.

20,000 alternantheras, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Rooted cuttings, $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Sweet alyssum, 60 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ANTHERICUM.

Anthericum variegated, 3-in., fine stock ready for 4-in., $4.00 per 100. Cash.
Beach & Chessman, Richmond, Ind.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants..	......$0.50
Excelsa, 4-inch, better plants	...... .75
Excelsa, 5-inch, nice plants.....	... 1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100, 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

Araucaria excelsa, fine plants, well furnished, 3-4 tiers, $9.00 per doz., $65.00 per 100; 4-5 tiers, $12.00 per doz., $90.00 per 100. Bobbink & Atkins, Rutherford, N. J.

ASPARAGUS.

	Pot	Doz	100.
Plumosus Nanus .	.4-inch	$ 1 50	$12.00
Sprengeri	.2-inch	.50	4.00
Sprengeri	..3-inch	1.00	8.00
Sprengeri	..4-inch	[illegible]	12.00
Sprengeri	..6-inch	5.00	
Sprengeri	....8-inch	10 00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in, $3.50 per 100; $30.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Sewanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

A. Sprengeri, 2½-in., $2.50; 3-in., $1.00 par 100. A. plumoeus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A Sprengeri, heavy 3-in., $4.00 per 100; strong 4-in., $8.00 per 100. Cash. Roney Bros., West Grove, Pa.

A Sprengeri, 2-in., $2.00 per 100. A Plumosus, 2-in., $3.50 per 100. Special cash sale.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 3-in., strong, having 10 to 12 growths. Extra fine stock, $4.00 per 100. Cash.
Jacob A. Fries, Bethlehem, Pa.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. Sprengari, 2½-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

A. plumosus nanus, 3-in., fine stock, $7.00 per 100. N. Smith & Son, Adrian, Mich.

A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

A. Plumosus, fine 3-in. stock, $5.00 per 100. Van Wert Greenhouses, Van Wert, Ohio.

A. Sprengeri, 2-in., $2.50 per 100. Cash.
Beach & Chessman, Richmond, Ind.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azeleas—Received 20,000 in the best New York market varieties, sizes as follows:

	Doz.	100.	1,000.
8-10 inches diam...............	$ 3.50	$27.50	$250.00
9-11 inches diam..............	4.00	30.00	285.00
10-12 inches diam..............	4.50	35.00	325.00
12-14 inches diam..............	6.00	42.50	400.00
14-16 inches diam..............	7.50	55.00	525.00
16-18 inches diam..............	12.00	90.00	

Large plants, $1.25, $1.50, $2.00, $3.00 each. Send for our special price list of bulbs.
BOBBINK & ATKINS, Rutherford, N. J.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-inch pots, $15.00 per 100. Begonia Gloire de Lorraine Nana Compacta, 2¼-inch pots, $15.00 per 100. Begonia Caledonia, "The White Lorraine," 3½-inch pots, $5.00 each. This stock guaranteed absolutely free from disease. Thomas Roland, Nahant, Mass.

Alba picta, Argenta guttata, Feasti and Marguerite begonias, $2.50 per 100. Nice plants, satisfaction guaranteed. J. W. Yates Plant Co., Springfield, Ohio.

Begonia Rex, 3-in., in good assortment, $6.00 per 100. N. Smith & Son, Adrian, Mich.

Gloire de Lorraine, strong 3-in., $3.00 per doz. Cash. Roney Bros., West Grove, Pa.

Send in your order now for a copy of the Florists' Manual.

BULBS.

Surplus Stock Sale.

Hyacinths—	12.	100.
Dutch, 1st size, separate color.......$	.50	$3.50
Fine named sorts, our choice..........	.75	5.75
Miniature Hyacinths, our choice, named	40	2.25

Narcissus—	Per 100.	Per 1,000.
Von Sion, extra size	$1.25	$11.00
Von Sion, fine bulbs	1.00	8.00
Trumpet Major	.85	7.00
Alba pleno odorata	.75	6.50
All sorts and Trumpets, single and double mixed	.75	6.60

Tulips—MUST BE SOLD. Make bid on following: La Reine, La Candeur, Yellow Prince, Rosamundi, Hugkinan, Montresor, Murillo, Rex Rub, Duke of York, Joost V. Vondel, etc.
Single and double mixed, 100, 75c; 1,000, $6.50.
Cyclamen Persicum Giganteum bulbs, finest strain in five separate sorts, per 12, $1.10; per 100, $7.50.
Spotted Calla, 12, 50c; 100, $3.00.
Extra Offer: Lil. Longiflorum, 5x7, 100, $1.60; 1,000, $15.00. 7x9, 100, $3.50; 1,000, $30.00, as long as they last. Above is all fine, sound, A No. 1 stock, offered at bargain prices. H. H. Berger & Co., 47 Barclay St., New York.

Cold storage valley, per case, 3,000 pips, $36.00. Single tulips, La Reine, $1.25 per 100, $10 per 1,000. Double tulips, Tournesol, red and yellow, $1.25 per 100, $12 per 1,000. Narcissus princeps, 60 cts. per 100, $5 per 1,000. Narcissus trumpet major, 90 cts. per 100, $8 per 1,000. Lilium longiflorum, prices on application. Stumpp & Walter Co., 50 Barclay St., New York.

Bulbs! Bulbs! White Romans, 12-15, at $1.60 per 100. Double Nosed Von Sion (large), $1.80 per 100. Paper Whites, at 90c per 100. Harrisii, 5-7, at $5.00 per 100; 7-9, at $10.00. Lilium Longiflorum, large flowering, 7-9, at $6.00 per 100. Special prices on Dutch Hyacinths and Tulips.
The Vail Seed Co., Indianapolis, Ind.

Japan Lilium longiflorum, 6 to 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. White Italian hyacinths, largest size, $8.00 per 1,000. Spiraea japonica clumps, $28.00 per 1,000. Spiraea japonica compacta multiflora, $40.00 per 1,000. J. M. Thorburn & Co., 36 Cortland St., New York.

Bulbs. Closing-out sale. Freesias, $2.00, extra large, $3.50 per 1,000. Trumpet narcissus, 75c per 100; $6.50 per 1,000. Princeps, 75c per 100; $6.00 per 1,000. A few 5-7 Harrisii, $3.00 per 100. Griffith & Turner Co., Seedsmen, Baltimore, Md.

	Per 100.	Per 1,000.
Amaryllis formossissima $2.00	$2.00	$18.00
Tigridia and bessera elegans..	1.00	9.00
Milla and cyclobothra	1.00	7.00

Parcel-post paid. J. A. McDowell, City of Mexico.

Spiraeas. Japonica, $3.50 per 100; $32.50 per 1,000. Compacta multiflora, $4 per 100; $36 per 1,000. Floribunda, $4 per 100. Chinese sacred lilies, in mats of 30, $1.25 per mat. Wm. Elliott & Sons, 54 Dey St., New York.

Gladioli May, the best light for florists' use or forcing. Extra large well ripened bulbs 2 inches or more, $1.00 per 100; $8.00 per 1,000, by express. P. O. Coblentz, New Madison, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds. Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Two-year-old Hippeastrum (Amaryllis), of a very fine strain, $10.00 per 100. Cash. A Roedder, Shorb, near Los Angeles, Cal.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1,000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Day St., N. Y.

CACTI.

Old Man's Head cactus, 5-6 in., $3.00 doz. Collection of 25 var., $3.00 postpaid. J. A. McDowell, City of Mexico.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CANNAS.

Cinnebar, 35c each, $3.00 per doz. Miss Kate Gray, 25c each; $2.50 per doz. Black Beauty, true, $2.00 per doz. Cottage Gardens, Queens, N. Y.

Cannas, Papa, Alph. Bouvier, Flamingo, at $8.00 per 1,000; Italia and Austria mixed at $5.00 per 1,000. Jesse T. Ellis, Box 340, Griffin, Ga.

Flamingo, true. 40 clumps for $7.50. Cash.
Roney Bros., West Grove, Pa.

CAREX.

Carex japonica variegata, 2-in., fine, $1.50 per 100. Cash. Byer Bros., Chambersburg, Pa.

CARNATIONS.

Fifteen per cent discount. We are booking orders for carnation rooted cuttings of the following varieties at a 15 per cent discount on all orders booked before January 1: Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $35.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dann R. Herron, Olean, N. Y.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100; $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100; $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $130.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

Dorothy, seeding pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $76.00 per 1,000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1,000.
E. T. Grave, Richmond, Ind.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Orders booked now for Ethel Crocker, the best pink carnation out. Rooted cuttings will be ready on and after Jan. 1. Price, $4 per 100; $30 per 1,000. Geo. Harrer, Morton Grove, Ill.

Carnation Peru, best winter blooming white to date. Rooted cuttings, $5.00 per 100; $35.00 per 1,000. A dozen fancy blooms sent on receipt of 60c. H. Roth, Lafayette, Ind.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Carnation plants. 150 Iris Millers, 200 Albertinis, 400 Scotts, extra large plants, $6 per 100. Evenden Bros., Williamsport, Pa.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

Unrooted carnation cuttings. For list of varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

Write us for low prices on field-grown carnation plants. Van Wert Greenhouses, Van Wert, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

Scott and Portia, to close, $3 per 100. Cash.
Benj. Connell, West Grove, Pa.

CHRYSANTHEMUMS.

Chrysanthemum stock plants: Mrs. Weeks, Queen, Jones, Chadwick, Merry Christmas, Pink Ivory, Mrs. Perrin, Maud Dean, Bonnaffon, Modesto, Golden Wedding, Maud Adams, Sunstone, Thornden, Mrs. Peirce, Blackhawk, G. W. Childs, etc., $1.00 per doz.; $7.00 per 100; our choice, $6.00 per 100. Silver Wedding, Shilowa, Mrs. Baer (Yellow Jones), Xeno and other recent introductions, $1.50 per doz. Harkett's Floral Nursery, Dubuque, Iowa.

Having secured a large block of the stock of the sensational chrysanthemum, Timothy Eaton, we are prepared to book orders for spring delivery. Order at once. Price, 50c each, $5.00 per doz., $30.00 per 100.
Col. D. Appleton, the finest yellow chrysanthemum ever introduced. Orders booked for spring delivery at $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Timothy Eaton, the sensational white mum of the decade, will be disseminated April 1, 1901. Price: 50c each, $5.00 per doz., $30.00 per 100. Strong plants guaranteed. The E. G. Hill Co., Richmond, Ind., and R. Craig & Son, Phila., Pa., joint owners in the U. S. Miller & Sons, Bracondale, Ont., sell at same price in Canada.

Stock chrysanthemums from the bench at 5c —Ivory, Rose Owen, Philadelphia, Gladys Vanderbilt, Fitzwygram, Bonnaffon, G. F. Atkinson, Black Hawk, Bergmann, Glory of Pacific, Yellow Ivory, Whilldin, Viviand Morel, Mrs. O. P. Bassett, Mrs. W. R. Douglass and Mayflower. Walker & McLean, Youngstown, Ohio.

If you want good, strong, healthy plants, plants from prize winning stock, write to me for varieties and prices. At Chicago, St. Louis and Indianapolis I took 13 premiums; half first and half seconds on white, yellow, pink, bronze or any other color. Address, at once, Gunnar Teilmann, Marion, Ind.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Halleck, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

Stock plants of Glory of Pacific and G. Bramhall, $3.00 per 100. Satisfaction guaranteed. Other varieties later. Write for list. Geo. L. Miller, Newark, Ohio.

Chrysanthemum stock plants. Golden Wedding, Bonnaffon, Mrs. Robinson, White Ivory, Whilldin, strong clumps, 75c per doz; $5.00 per 100. J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

Chrysanthemum stock plants. Col. D. Appleton and Primo, $1.50 per doz. Chadwick, Lady Harriott, B. Halliday, T. L. Park, L. de October and Baer, 50 cts. per doz.
G. D. Lotze, Glen Burnie, Md.

Chrysanthemum stock plants, extra good; Bonnaffon, Bergmann and Maud Dean, etc., 75 cents per dozen; $4.00 per 100. Duly Bros., Randolph, Mass.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

Stock plants of all the best sorts. Send for list. N. Smith & Son, Adrian, Mich.

CINERARIAS.

250 cinerarias, ready for 5-in., large, extra strong plants, $6.00 per 100. Cash. Sewickley Greenhouse Co., Sewickley, Pa.

Cinerarias, 2-in., $2.00 per 100. Special cash price. Jos. H. Cunningham, Delaware, Ohio.

CISSUS.

Cissus discolor, pretty plants, 3-in. pots, $4.00 per 100. McGregor Bros., Springfield, Ohio.

CLEMATIS.

Large flowered clematis for forcing. Purple, white and lavender sorts, from 5-in., 18c; 1-year, field-grown, at low figure. C. paniculata, fine 3-year plants, 10c; 2-year, 8c. Packing free for cash. W. H. Salter, Rochester, N. Y.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

The newest sorts and only those of decided merit, 2½-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Coleus, 12 best sorts, 2½-in., $1.50; rooted cuttings, 50c per 100. Cash. Beach & Chessman, Richmond, Ind.

Coleus, 10 varieties, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen persicum, splendens giganteum, finest strain in the world, in four true colors. A splendid stock of plants, well set with buds, 4-in., $1.50 per doz., $12.00 per 100; 3-in., in bud, $7.00 per 100. I solicit patronage and guarantee satisfaction. Paul Mader, East Stroudsburg, Pa.

Cyclamen. Choice, healthy stock, all in bud, valuable for retailing. Stocky plants, 3-in., $5.00. Freeport Market Garden & Greenhouses, Louis Bauscher, Prop., Freeport, Ill.

Cyclamen giganteum, 2¾-in., $4.00; 3-in., $6.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00 per 100. C. L. Osborn, Sidney, Ohio.

Strong, 3-in. cyclamen, well set with buds, $7.00; 4-in., $10.00 per 100. Cash or C. O. D.
C. Winterich, Defiance, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New Marguerite. A great novelty for 1900. A cross betwen the yellow and white, is a constant bloomer, flowers four to five inches in diameter, fine for cut flowers, will keep for two weeks after being cut. Center half yellow, outer half pure white. Makes a fine pot plant. Will send free by mail 12 plants for $1.25; 6 plants, 75c. Order now if you want it.
S. Lenton, Long Beach, Cal.

$2.00 per 1000 to close out. Nice plants. Hardy daisies. Longfellow. Cash.
Byer Bros., Chambersburg, Pa.

Paris daisies, 75c per 100. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

DRACAENAS.

Dracaena indivisa, 3-in., ready for 4-in., $4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	16.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	6-inch	6.00	
Nephrolepis cord. comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100. Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Boston Ferns. N. Exaltata Bostoniensis, small plants, $4.00 per 100 to $30.00 per 1,000; largest size, $6.00 to $20.00 per 100; not less than 250 at 1,000 rate. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Pteris albo-lineata, cretica nobilis, cretica alba, Wimsetti, serrulata, major cristata, $3.00 per 100; $25.00 per 1,000. Cash with order. J. F. Kidwell & Bro., 3810 Wentworth ave., Chicago.

Boston ferns. Runners, $1.00 per 100. 2½-in., $2 per 100; $18 per 1,000. From bench fit for 6-in., $10 per 100. Cash. Byer Bros., Chambersburg, Pa.

Boston ferns true to name. Small plants from bench, $1.00, 7,000 2-in., $2.00, 4,000 3-in., $4.00 per 100. Davis Bros., Morrison, Ill.

Boston ferns, 4-in., 5-in., 6-in., 7-in. pots; 10-in. and 12-in. pans. Dandy plants for Xmas sales. Mark Aitken, Springfield, Mass.

Nephrolepis cordata compacta and Bostoniensis, 2½-in., $4.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Lace ferns and Selaginella Emmeliana, 2½-in. pot size, 60c per doz. A. & G. Rosbach, Pemberton, N. J.

Japan fern balls due in December. Send for circular. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns for holidays. All sizes. Write for prices on small or large lots.
Geo. A. Kuhl, Pekin, Ill.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Selaginella, from 3½-in. pots, $5.00 per 100.
John Reck, Bridgeport, Conn.

FEVERFEW.

Little Gem, 75c per 100. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Rubbers, 6-in. pots, 2½ to 3 ft., 60c, 4-in., 20c, 5-in., 40c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

FRUIT PLANTS.

October purple plum! The best of all Burbank plums. We have a large and fine stock of trees, one or two year's old on plum and peach stock. Address Stephen Hoyt's Sons, New Canaan, Conn.

All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

"The classified advs. are a great convenience," is the verdict of the buyers.

GERANIUMS.

New geraniums, from 2½-in. pots, in the following varieties: Jean Viaud, Kleber, Richelieu, L. Corrett, M. Canovas, Bellerophon, Wm. Lannguth (dble. scarlet silver leaf) and Mrs. Parker (dble. pink silver leaf), 75c per doz., $6.00 per 100. Collection of two each of above varieties by mail, $1.00. Standard varieties: S. A. Nutt, Gen. Dodd, Heteranthe, Ia Favorite, Mme. Bruant, Countess Castries, Beaute Poitevine and 20 other varieties, 2½-in. pots, 50c per doz.; $3.00 per 100. Cash with order.
Mrs. Thomas Lawrance, Ogdensburg, N. Y.

Geraniums. Rooted cuttings. 38 varieties. Double and single in separate colors as Ricard, Harrison, S. A. Nutt, Beaute Poitavine, Double Grant, La Favorite, Mme. Bucher, Pres. Du Bois, Single Grant, Queen of the West, and others. Rooted cuttings, by mail, $1.25 per 100; by express, $10.00 per 1,000. Transplanted plants, by mail, $2.00 per 100; by express, $15.00 per 1,000. Cash with order. Peter Brown, Lancaster, Pa.

We have 25 of the best geraniums grown and will accept orders for a few thousand rooted cuttings at the low price of $10.00 per 1,000, 500 at 1,000 rate, or will mail sample 100 in good assortment, labeled, for only $1.25. Our price list of rooted cuttings gives very low prices of over 30 varieties of plants. Send for it. S. W. Pike, St. Charles, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Strong 2-in., mixed, $1.50 per 100. Rooted cuttings of Bruanti and Heteranthe, $1.25 per 100; $10.00 per 1,000. Mme Saleroi, 2½-in., $1.50 per 100; 2-in., $1.25. Rose geraniums, rooted cutting, $1.00 per 100. South Side Floral Co., Springfield, Ill.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

100,000 rooted cuttings, at $12.00 per 1,000. Dbl. Grant, $11.00 per 1,000. Mme. Salleroi, $1.25 per 100, $10.00 per 1,000. Rose Geraniums, $1.25 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Rooted cuttings, new and old varieties, mixed, $1.00 per 100. Rose geraniums, large leaf and skeleton leaf, 60c per 100. H. Millingar, Merchantville, N. J.

30,000 geraniums—Beaute Pointevine, Mme. Jaulin, Ricard, S. A. Nutt and Dbl. Grant. Rooted cuttings, $15.00 per 1,000. J. B. Shurtleff, Jr., Revere, Mass.

Geranium America. A queen among geraniums. Strong plants, $8.00 per 100; 25 at 100 rate. Ready now. Henry Eichholz, Waynesboro, Pa.

Geraniums. Fine assortment of 2½-in. plants, $2.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Madam Salleroi. Fine plants, in 2½-in. pots, $2.50 per 100. Mark Aitken, Springfield, Mass.

New geraniums, including Jean Viaud and other choice sorts. N. Smith & Son, Adrian, Mich.

Fine assortment, 2½-in., all the best varieties, $2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

10,000 geraniums, by selection, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Bruanti, nice plants, $2.00 per 100. J. W. Yates Plant Co., Springfield, Ohio.

GREVILLEA.

Grevillea robusta, 3-in., $4.00, 2-in., $3.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

HARDY PLANTS.

40,000 American filberts (Corylus americana), or hazelnuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedlings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Surplus for fall, 1900: Keiffer Pear; Norway Maples, 9 to 10 ft.; Norway Maples, 5 to 6 ft.; Lombardy Poplars, 9 to 12 ft.; Carolina Poplars, 6 to 18 ft.; Am. Arbor Vitae, bushy, 6 to 7 ft., Am. Arbor Vitae, bushy, 3 to 5 ft.; Apples, 2 and 3 years; Norway Spruce, 7 to 9 ft., fine; Norway Spruce, 6 to 6 ft., fine; California Privet, good, 1 year, 2 ft.; Osage Orange, 1 and 2 years, fine; White Pine, 4 to 5 ft.; White Pine, 3 ft., sheared. Josiah A. Roberts, Malvern, Pa.

Clematis paniculata, 2 and 3 years old.

	Per 10.	Per 100.	Per 1,000.
No. 1	$1.00	$7.00	$65.00
X size	1.25	9.00	75.00
XX size	1.75	13.00	125.00
Fine pot plants	.50	3.50	30.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Coreopsis lanceolata, Digitalis, Aquilegia, double and single mixed, Gaillardia grandiflora, Gypsophilla paniculata, Hibiscus, Crimson Eye, Chater's choice dbl. Hollyhocks in five separate colors, Hardy pinks in eight choice varieties, all field grown at $5.00 per 100; $45 per 1,000. Cash.
Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hydrangea P. G., 5 to 10 inches, heavily rooted, $25.00 per 1,000; 1 to 2 ft, heavily rooted, stocky, $40.00 per 1,000; 2 to 3 feet, X, heavily rooted, stocky, $70.00 per 1,000. Prices Fall only; shipment Fall or Spring. Double Snowball same prices. Jenkins' Evergreen & Seedling Nurseries, Winona, Ohio.

Blue and Crimson Spiraea, 2½-in., 3c; field-grown, 6c. Hydrangea grandiflora, 3 year old, 8c and 10c. Double Althaeas, named colors, 2½ to 3½ ft., 8c. Cash, please.
Benj. Connell, Florist, West Grove, Pa.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Myosotis palustris, Japanese primrose, Achillea, the Pearl, 3½-in., $3.00 per 100; $25.00 per 1,000. Cash. Edw. B. Jackson, Stamford, Conn.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Halls and Belgica, 2 years old, field-grown, $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Rudbeckia. 2,000 Golden Glow, from 1 to 2 crowns, at $2.50 per 100. Cash. Jos. Dunn, Orrs Mills, N. Y.

California Privet, 18 to 24-in., branched, $2.00 per 100; $15.00 per 1,000. Cash.
Byer Bros., Chambersburg, Pa.

Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotropes, 12 vars., 2-in. pots, $2.00 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000. Jackson & Perkins Co., Newark, New York.

Hydrangea Otaksa, large enough for 10-in. pots, 20c each. Cash. Dann & Son, Westfield, N. Y.

Otaksa, strong plants, $15.00, $20.00, $25.00 per 100. Bobbink & Atkins, Rutherford, N. J.

IVIES.

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 3 to 4 ft. long, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

JASMINE.

I have 12 Grandiflora Cape Jasmine, very bushy and over two feet from top of pot, the large flowering kind. The best offer takes them; make me a bid. David N. Rehr, Lehighton, Pa.

Jasminums: Maid of Orleans, Grand Duke, Grandiflora, Sambac or Arabian, Revolution, strong, thrifty plants, 3-in. pots, $6.00 per 100. Nanz & Neuner, 582 Fourth Ave., Louisville, Ky.

LANTANAS.

Lantanas, 8 vars., 2-in. pots, $2.00 per 100. Weeping lantanas, $1.25 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Lantanas, 2-in. pots, in bud and bloom, 6 varieties, $1.75 per 100; $15.00 per 1,000.
C. L. Brunson & Co., Paducah, Ky.

Weeping lantanas, 2½-in., $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Lantanas, rooted cuttings, 60c per 100. H. Millingar, Merchantville, N. J.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

One navel orange tree, with some fruit on. Very bushy, 5 ft. high, 1⅝ caliper. Make me an offer David N. Rehr, Lehighton, Pa.

Othaheite Orange, 2½-in., $3.00 per 100; $25.00 per 1,000. 3-in., $4.50 per 100; $40.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

Cattleya citrina, Laelia anceps, L. alba, L. Majalis, L. autumnalis, $24.00 per 100. Parcel-post paid. J. A. McDowell, City of Mexico.

PALMS, ETC.

LATANIA PALM PLANTS.

Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	1	20 to 22-in. high	6 and 7	$6.00
6-in.	2	20 to 22-in. high	10	9.00
6-in.	3	20 to 22-in. high	12 to 14	12.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
7-in.	3	2 ft. ht. & diam.	12 to 16	18.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.

Pandanus Veitchii and Croton plants, prices on application.

J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

WITTBOLD'S FALL LIST

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA

Size. Pot.	Height, Inches.	No Leaves.	Each.	Per Doz.	Per 100	Per 1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2¼		3	....	$0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	....	....	....	$3.00
5	15 to 20	8 to 12	$0.50	6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6 extra fine			18.00	

Veitchii, 7-inch, strong, $2.25 each.

Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA. VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	2¼	8-10	$15.00
1 plant	3	10-12	20.00
1 plant	4	18 each	.50
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00
8	6	48-50	4.00	48.00

All measurements are from top of pots.

JOS. HEACOCK, WYNCOTE, PA.

Chamaerops, extra, 18-24 in. high, 4-6 char. lvs., $12.00 per 100. Phoenix canariensis, 2-in. pots, very strong, $6.00 per 100. Large, very fine Phoenix, dracaenas and chamaerops, from 4 to 15 ft. high, in boxes or from open ground, price on application. Sabal Blackburniana, 2-in., $5.00 per 100. Cash. A. Roedder, Sborb, near Los Angeles, Cal.

Ball's palms, etc., choice hardy stock, perfect in every respect.

Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 50c and 75c; 8-in. at $1.50; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $17.50 to $35.00

Kentia Belmoreana, 3-in. at 20c and 25c; 4 in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.

Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.

Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.

Livistona Rotundifolia, 4-in. at 40c, 5-in at 75c.

Pandanus Veitchii, 6-in. at 75c and $1.00. 8-in. at $2.00.

Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.

Chas. D. Ball, Holmesburg, Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

Kentia Forsteriana, 3-in. pots, 12-in. high, $1.50 per doz.; 15 to 18 in. high, $2.00 per doz., 4-in. pots, nice plants, $3.00 per doz.

McGregor Bros., Springfield, Ohio.

Kentias Belmoreana and Forsteriana, extra fine stock, $12.00 to $24.00 per doz. Bobbink & Atkins, Rutherford, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Latania palms, 2½-in., 3½c; 4-in., 15c; 5-in., 30c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

Latania Borbonica, extra stock, grown cool, 6-in. pots, 50c each. B. F. Barr, Lancaster, Pa.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Fine plants from English seed. Large blooms. By mail, 50c per 100; by express, $3.50 per 1,000. Jerome Harley, Media, Del. Co., Pa.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

Giant Trimardeau, strong and stocky, 75c per 100 by mail; $4.00 per 1,000 by express.

Harry White, New Holland, Ind.

$2.00 per 1,000 to close out, nice plants. Giant pansies, Roemer's or Trimardeau. Cash.

Byer Bros., Chambersburg, Pa.

PELARGONIUMS.

New ivy-leaved pelargonium, Leopard, 50c each, $5.00 per doz., $17.50 per 50. Cottage Gardens, Queens, N. Y.

Rooted cuttings, good varieties, named, $2.00 per 100. S. D. Brant, Clay Center, Kan.

Pelargonium Victor, $2.00 per 100. Cash.

C. A. Harris & Co., Delanson, N. Y.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Rooted cuttings, good varieties, double, $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Double petunias, 30 vars., 2-in. pots, $2.00 per 100. Cash. C. A. Harris & Co., Delanson, N. Y.

PRIMROSES.

Baby Primrose. About 1,000 for sale, in 2½-in. pots, fine, strong plants, ready for 4-in. pots, at $3.50 per 100; or will exchange for ferns. Nicholas Amos, Crestline, Ohio.

---

300 red and white Chinese primroses, fine, healthy plants, ready for 4-in $1.00 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Chinese primroses. Red, white and mixed, 4-in., in large bud, $6.00, without bud, $4.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Baby primroses, in flats, $2.00, 2 in., $3.00, 2¼-in., $1.00 per 100. Greene & Underhill, Watertown, N. Y.

Chinese primroses, 2-in. pots, $1.00 per 100. Special cash price.

Jos. H. Cunningham, Delaware, Ohio.

Latest improved, large-flowering, 2¼-in., $1.50; 3-in., extra strong, $4.00 per 100. Cash.

J. W. Miller, Hatton, Pa.

ROSES.

EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
Folkestone	Mme. Abel Chatenay
Golden Gate	Mrs. Robt. Garrett
Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
Henry M. Stanley	Striped La France
Kaiserin	Sylph
Mme. Camille	Tri. de Pernet Pere
Marie Guillot	Victor Hugo
Mme. Watteville	White Maman Cochet
Mme. Welche	" Marechal Niel
Mme. Jos. Schwartz	" La France

Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.

R. H. MURPHEY & SON, URBANA, OHIO.

Strong, field-grown roses.

American Beauties, selected......	$25.00 per 100.
La France, selected	25.00 per 100.
American Beauties	20.00 per 100.
La France	20.00 per 100.
Kaiserin Augusta Victoria	12.00 per 100.

Cash with order or satisfactory references. Alex Waldbart, Hamilton Ave. and Horton Pl., St. Louis, Mo.

Roses. First-class. Heavy field-grown. Own roots. Empress of China, Wichuraiana, Pink Rambler, Manda's Hybrids (4 varieties), $50.00 per 1,000; $7.50 per 100. Be quick if you want any between now and spring. Howland Nursery Co., Los Angeles, Cal.

Roses for spring blooming. Fine 1 and 2-year field-grown plants, that have never been forced, suitable for 5-in. pots, 5c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Marechal Niel, field-grown, grafted, two years, 5-6 foot canes, $25 per 100. Also Liberty, Beauty, Maid, Kaiserin and others. Superb stock. Extra strong. Rosedale Nurseries, Brenham, Tex.

Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming.

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Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.

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Salvia Silver Spot, 50c per doz. Cash.
C. A. Harris & Co., Delanson, N. Y.

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Morris Floral Co., Morris, Ill.

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Asparagus Sprengeri, fresh seeds, $1.00 the 1,000 seeds. Asparagus plumosus nanus, $8.00 the 1,000 seeds. Cyclamen, German Giants, pure white, 75c the 100s; bright red rose, white with eye, 60c the 100s. A. Rolker & Sons, 52 Dey St., New York.

Seeds. Cyclamen giganteum, 50c per 100 seeds. Smilax, 30c per oz. Hollyhock, Chaters Superb, mixed, 50c per oz. Pansy, Trimardeau, $2.00 per oz.; G. & T. Co.'s Best, $4.00 per oz. Sweet Peas, 50c per lb. Griffith & Turner Co., Seedsmen, Baltimore, Md.

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Something new! True Shamrock (Oxalis Acetoselia). From cemetery of Downpatrick in Ireland. Plants from 2¼-in. pots ready Feb. 1st, $4.00 per 100; $35 per 1,000. 250 at 1,000 rate. Cash with order. Later early, as stock is limited. J. D. Harcourt's Son, Wappingers Falls, N. Y.

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String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1,000, $8.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

Lettuce plants, fine, from cold-frames, 25c per 100. Express prepaid on order for $1.00 or over. Cash. Cottage Gardens, Litchfield, Ill.

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500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America, 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

VINCAS.

Vinca (trailing), green and variegated, 4-in., 75c per doz., $6.00 per 100; 3-in., 60c per doz., $4.50 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Vinca variegated, 2¼-in., $2.50, 3-in., $4.00, 3½-in., $8.00, 4-in., $10.00, 5-in., $15.00 per 100. Rooted cuttings, $10.00 per 1,000; $1.25 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

5,000 Vinca Major Var, field-grown, full 2 to 3 ft., $6.00 per 100. Cash, please. Benj. Connell, West Grove, Pa.

Major var. Extra fine clumps from field, $5.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

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200 dbl. white Althesa, strong, 2 to 5 ft., $5.00 per 100. 200 fine smilax plants, 2½-in. pots, $2.00 per 100. 200 Wichuralana roses, 3 and 4-in. pots, at your own price. Boston ferns from $4.00 per 100 up. Will exchange any of above for Areca or Kentia palms. Mills & Wachter, Jacksonville, Fla.

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Cane stakes, 7 to 8 ft., $3.00; 6 to 7 ft., $2.50; 5 to 6 feet, $2.00 per 1,000. F. O. B. here. C. S. Tait, Brunswick, Ga.

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Norway spruce, nursery-grown Christmas trees, 3 to 4 ft., $25.00, 4 to 5 ft., $35.00 5 to 5½ ft., $40.00 per 100. Baled F. O. B. in lots of 50. W. H. Moon Co., Morrisville, Pa.

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Extra selected wild smilax, 50 lbs. net weight, $2.00 per case; 20 lbs. net weight, $1.25 per case.

Holly, bright green, well berried, 50 lbs. net weight, $2.50 per case; 35 lbs. net weight, $1.75 per case; 25 lbs. net weight, $1.50 per case.

Long needle pines, assorted sizes, 2½ to 4½ ft. high, $1.25 per doz., $4.00; per 100, $7.00. Dozen pines weigh 15 lbs.

Chamaerops palm crowns, 8 to 10 leaves, per doz., $2.00. Dozen crowns, weight 15 lbs. ready for shipping.

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Magnolia foliage; cases 24x24x48 inches; weight 60 lbs., $2.50 per case. Cases 18x18x40, weight 25 lbs., $1.50 per case.

Gray moss, per 12 lb. sack, $1.00; per 100 lbs., $6.00. Green sheet moss per 10 lb. sack, $1.00; per 100 lbs., $8.00.

Express rates, 25 per cent less than merchandise rate. Christmas orders booked now.
R. A. Lee, Evergreen, Ala.

Wild smilax, galax leaves, fancy ferns, dagger ferns and all fresh green for decorative purposes. Also prepared sago and palm leaves, plants, etc.

We guarantee the best goods that money can buy and cheaper than any of our competitors. Prompt delivery guaranteed.

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Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

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Choicest Delaware holly from the woods and swamps. Price the lowest. Also wreaths and laurel roping. Southern Fruit Co., Georgetown, Del.

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Holly for sale cheap. 200 cases of choice holly; will sell cheap for Christmas; also a lot of wreaths. M. Matlack, Cool Springs, Del.

Ferns, 75c per 1000. Laurel festooning, the best, 4 to 6c per yard. Crowl Fern Co., Millington, Mass.

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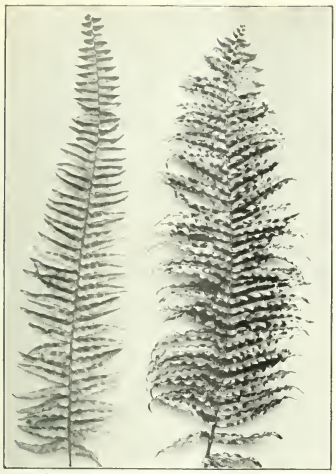

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Mr. G. P. Moore, Ocean City, N. J., writes that he has a new canna, a chance seedling of the orchid-flowered type, the flowers of which are a pure deep rich yellow without any spots, have five wide petals and are four inches across at the top and four inches long and more bell-shaped than any other canna. The plant grows about five feet high, the foliage light green, very dense, and though an orchid-flowered sort it is as hardy as Crozy. He has named it the "Golden Age of 1900."

A few plants that were included by mistake in a bed he planted out last spring attracted much attention and a florist who saw the variety in bloom offered the owner of the bed $2 for a root of it when lifted in the fall. While Mr. Moore deprecates the lengthening of the list of cannas he believes this one will be readily given a place when its good qualities are known.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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A WINTER RHUBARB.

Luther Burbank, Santa Rosa, Cal., has issued a special circular in which he describes a new rhubarb which he says is practically perpetual and which he believes will be very valuable for winter forcing. He calls it "Australian Crimson Winter" rhubarb.

SALEM, O.—William Mundy is suffering from a severe case of blood poisoning.

TOPEKA, KAN.—An effort is being made to consolidate the Horticultural Society with the State Board of Agriculture.

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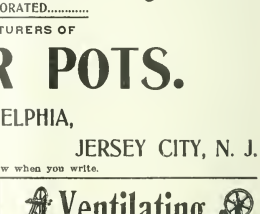

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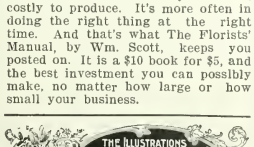

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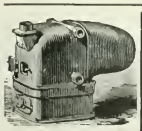

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INDIANAPOLIS, IND.

Thanksgiving day has come and gone and it is rather difficult to say whether trade has been better than last year or not. Some of the storemen report an increase over last year, while others report a slight decrease; but on the whole there seems to be little complaining. On the flower market at Tomlinson Hall trade was rather slow and most of those who have stands there were complaining.

The growers seem to have fared better. There was a fair supply of large mums which were eagerly bought up by the storemen early in the week and by Wednesday night there were not many good large blooms to be had.

Roses were in fair supply and went well. Carnations were decidedly scarce in the best grades, especially in colors.

The weather is some colder now and trade ought to keep up pretty well. Roses and carnations are improving in quality and increasing in quantity and with the mums out of the way prices will likely advance. However, there are still a lot of poor mums around and they will continue to be a drag for a week or so.

A. B.

IRIS PAINTED BEAUTY.

In the Shepparton (Australia) News of Oct. 26 appears the following communication from Mr. Peter Barr:

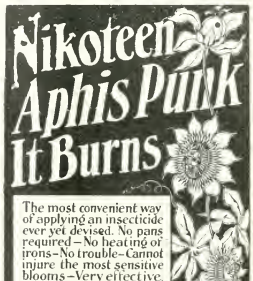
"Those who visited the Tatura show on Wednesday, Oct. 17, must have seen Iris Painted Beauty. It was conspicuous in the fine but crowded box of cut flowers staged by Miss Love, of Tatura, and was during the day the cynosure of the exhibits. Its beauty was of a very exceptional, marked and distinct character, and was the general topic of conversation. An expert gave it as his opinion that no iris of so much refined beauty had ever before been seen in this or any other country. It belongs to the group commonly known as German Iris. The flower is of pure white and consists of three upright petals called standards, and three lower petals called falls. Each of these petals is veined all over with rich rosy red. The stigmas from under which runs the primrose beside are of the purest white, up the center of each runs a rosy red beam terminating in a feathery, club-like knob."

GINSENG.

We have received a copy of an article upon the cultivation of ginseng from Mr. Harlan P. Kelsey, Boston, Mass., in which he ridicules the assertions made by some writers as to the immense profits to be made by growing this plant. He says it is true that there is a good profit when success is attained, but that such absurdities as a million-dollar bed in twelve years from a $1,000 investment should be classed with other air castles.

He speaks of the soil necessary to supply suitable conditions for the growth of the plant and expresses a willingness to give fuller information to those interested.

DES MOINES, IA.—The employes from the various departments of the down town business of the Iowa Seed Company attended a Hallowe'en social given by the greenhouse force of the company employed at the greenhouses. Upon their arrival they were greeted by the word "Welcome," the letters being carved on large pumpkins and lights placed inside. The large potting rooms where the guests were received by Mr. and Mrs. Rennison and Mr. and Mrs. Kurtzweil were a veritable fairy land. The long potting table in the center of the room had been transformed to an elegantly furnished table, spread with fine linen and banked with roses, chrysanthemums and other choice flowers. Later in the evening refreshments were served. Many of the guests were dressed in fancy costumes, which added much merriment to the occasion.



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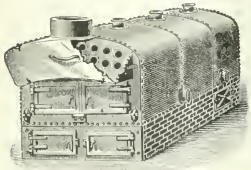

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I am very much pleased with the paper. Minneapolis, Minn. Peter Lundblad

I am more than pleased with the Review. Clayton, Mo. J. A. Wilson

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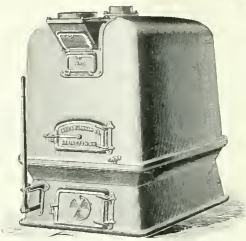

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, DECEMBER 13, 1900 No. 159.

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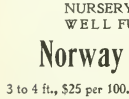

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(Signed) ROBERT KIFT,
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N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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MISCELLANEOUS SEASONABLE HINTS.

Christmas Plants.

Christmas has of late been very much of a plant giving time. A handsome flowering plant has been the choice of hundreds of our patrons to accompany the expression of joy and good wishes of the happy season, and you ought to be well supplied with an assortment of attractive plants. A palm or fern will be chosen by some, but a flowering plant that has color and brightness is much preferred. When you are not supplied with these, as all strictly retailers are not, you should make provision in time. There is no palm in equal favor with the Kentia Belmoreana or Forsteriana, because everybody knows how well adapted they are for house culture. Something that retails from $2 to $5 is the thing. Araucarias, pandanus, draccenas and rubbers are in some demand, but we cannot all afford to keep a collection of all of these, for if you lose a few plants out of a dozen your profit is gone on the rest. You must have a good assortment of the Boston fern. Every one now knows its excellent qualities.

Of the berried plants Ardisia crenulata is the best, and some of our eastern growers have a splendid lot. They are not cheap, but they are so splendidly seasonable, with their holly-like leaves and bright berries that all good plants will sell. With us the poinsettia is the favorite winter plant. Especially is it in demand when grown in pans of 10 or 12 inches with five or six plants in each. Its brilliant color is just the thing for Christmas. Azaleas come next. We have never had enough of Simon Mardner, Vervæneana and Deutsche Perle. Cyclamen always sell well, although it is a few weeks earlier than most cyclamen are at their best, yet there are any amount of fine plants to be had.

Begonias of several flowering kinds are in demand, but Gloire de Lorraine eclipses them all. If you don't have some of those you will not be in it. On several occasions we have made a table center piece of this beautiful plant and nothing can surpass it when the color is wanted. Plants of several sizes taken from the pots and the bulb wrapped in paper and sunk in moss makes a most beautiful basket. Ericas, or heaths, as they are better known, are beautiful plants and a few sell, but we found them scarcely gay enough to please many and they are more at home in a made-up basket of plants, where their more equal tints of flower and foliage are a setting for more brilliant colors. The Bermuda lilies are always in demand, but not much at Christmas as a pot plant except in baskets. Small pans of Roman hyacinths always go, as do pans of paper white narcissus if grown cool and dwarf. There are lots of people who want a small, inexpensive plant, and if you cannot cater to them you get the reputation of being an expensive firm. The primula is one plant that you can sell for 40 or 50 cents, and they should be at their best just now.

The above list is not a long one, but it covers the great majority of the plants available for the season. Another correspondent who is more in touch with the centers of fashion will doubtless tell you all about how to trim up these plants to add to their attractiveness. It's no use kicking; every pot must be covered with some material. Now we have waterproof crepe paper. When you stop to think that 90 per cent of all these plants are sent as presents and that first impressions count for much, then you cannot complain that our trade demands that every plant be made as pretty as possible.

It was only the last year or two that the combination baskets of plants sold in the smaller cities, but now there is a call for them. As no growing takes place in these baskets it is a fact that the later they are made up the longer they will be attractive. There is usually a metal lining to the basket, and with damp moss and having the plants moist when put in they will last several days in fine order; certainly three times as long as did the old fashioned basket of flowers with the flowers on sticks or toothpicks, and are not half a dozen pretty plants selected with taste, with plenty of fern mixed in, really more beautiful than any basket of one kind of flower? The flowers are gorgeous, the plants are beautiful, and I think if you had to sit beside it all day you would rather have the company of the basket of plants.

Preparing for Christmas.

It is a little early to prepare plants for Christmas sales, but nothing should be left undone that possibly can be done. No plant that needs tying should be neglected, for the few days before Christmas bring more work than you can do. The Begonia Gloire de Lorraine needs some support, but they look bad full of stakes. One small stake and the branches supported from it is all you can do. However skillfully done, most any plant looks formal and stiff when first tied up, but in a week or two again assumes a more natural growth. I don't care how much frills you put on a plant, the pots should be perfectly clean, and a great deal of this can be done a week or two ahead. They won't have time to get dirty again. You know pretty well all that will go and if you wash a few that won't move off you have done only good. From present indications there will be a great demand this season for both flowers and plants, so don't hold your stock too cheaply. The best buyers often come at the last moment.

Bulbs.

We have had up to date no weather that has made any need of covering your bulbs. They are best out of doors covered with a few inches of soil. We think it is best for the bed to let one inch of frost get into the soil and then cover with four or five inches of straw litter. Remember, if you are keeping any paper white narcissus out of doors that they should not be touched with frost, so they are best covered with glass. We also cover with soil the Dutch hyacinths in pots as well as the Roman hyacinths in flats. If there is two or three inches of soil or tan bark over the pots or flats and then three or four inches of litter the glass will not raise the temperature in the winter months to do any harm.

Sometimes the pansies come through the winter all right when we have lots of snow and sometimes with bare ground and hard freezing they perish by the thousands. Rye straw laid between the rows and very lightly over the plants is a good covering, but a still cheaper method is to cover with hemlock boughs. There is always a bow to them and of course you put the curve upwards. We don't all live in the hemlock belt. White pine branches would do about as well, but not quite. You see people in November covering up their beds of tulips and hyacinths with a foot of litter. This is a great mistake. It keeps the soil warm and the bulbs make an early, long growth and when the litter is removed in the spring you have a weak, tender growth that is readily hurt by late spring frosts. These flowers do not last as long, either, as those that are less protected. Late planting for beds, and a few inches of covering after the ground is frozen, is all that is necessary and gives the best results.

Holly and Green.

One of the chief industries with some of us for the next two weeks will be the handling of holly, ground pine and other greens. The ground pine appears to be quite scarce this year and there is evidently not going to be enough to go round, so you can command your own price on that. Holly will be as plentiful as ever and what we have seen is a fair quality. We are all apt to delay in making this material up into salable form. A great majority of the holly is sold in the form of wreaths. Holly keeps as well in the original cases as anywhere and the wreaths are doubtless all the better for being freshly made, but you cannot make all you want in the last few days, so begin without delay and make up all the wreaths you think you can possibly sell, and the same with the wreaths and the wreathing of the ground pine.

We have often been puzzled to know where to put all this stuff when made up and have it fresh and green. You are tempted to pile wreaths one on top of the other, perhaps to a height of a dozen, as they take up a great deal of room, but this flattens them out and spoils the form. Beneath the middle bench of a cool house, laid out on the floor and covered with paper, we store a great many. I have found a cold frame an excellent place, but in addition to the glass covering you must throw over a cloth or mats to keep it dark. No amount of cold will, of course, hurt the ground pine, but a zero freeze is not at all good for the holly as it does not grow where they get zero weather so early in the season. Don't let your crates of ground pine lay around where the sun and wind will get at them or in a very few days the entire outside will be brown. Keep them covered with some material even though it is only for a week.

William Scott.

To a friend in the trade you could send no Christmas present that would be more appreciated than a copy of the Florists' Manual, by Wm. Scott.

ROSES

ROSES.

This was the subject at the last meeting of the Chicago Florists' Club and two papers were read, both of which appear below. Mr. Collins is foreman for Peter Reinberg and Mr. Kopanka has charge of a section of rose houses at the same establishment.

Beauties in Center Benches Only.

I was requested to write about American Beauties grown in center benches only. Last year we planted a range of twelve houses in Beauties. The roses did well up to the end of November, and by that time the plants had grown up to the glass on the south side and also on the north side, and we had to spend considerable time in keeping them tied away from the glass. When we syringed the plants, owing to the amount of foliage on them, the plants would not dry at night and then our troubles began; it was hard to keep away the black spot, so I thought it would be best to plant the center benches only, and I am well satisfied with the experiment. At the present time our plants are good and will have a heavy crop of flowers for the holidays.

In the two ranges that were built this year with the Garland gutter we have four benches in each house, and have planted the north and south benches with Brides and Maids, and Beauties in the two center benches. At the present time they are very good, but we shall be able to tell later if the shade caused by the Beauties makes much difference to the north bench. In the summer I had the Beauties carefully watered, great care being taken not to water the soil between the rows. After they had been planted about one month we put on a mulch of well rotted manure which I think was an excellent plan to protect the soil from the sun. We have given them one top dressing of bone meal since then. Our plants are in excellent health and are producing lots of fine flowers, with bright prospects for the future. After the holidays we shall give them some manure water.

Forcing Roses Two Years.

Another question you have asked me is, Under what conditions can roses be grown with profit more than one year? The Brides and Maids can be grown the second year in the same soil. About the 1st of July we commence to withhold water, only syringing the plants every day. We continue this treatment for about six weeks, then we prune the tops and take out all the poor wood in the bottom, and scrape off some of the soil, as much as possible, from the surface and then put on a top dressing of manure and soil mixed. After that we bend them all down and syringe twice every day. After the eyes commence to break, the soil can be more freely watered till thoroughly soaked through.

We have some Golden Gates which we kept growing all the summer. This is a grand rose, it is so prolific. It must be shaded in the summer, as it cannot endure the hot sun; the petals will burn. The two-year-old roses are greatly benefited by manure watering every, two weeks during the winter.

GEO. COLLINS.

In reply to a question, Mr. Collins said they were growing the Liberty and had two houses, of which one was pretty good and the other one not so good. He feared he had not given the rose the right treatment. He had been cutting flowers all the fall and now the plants seem to want to take a rest. He thought the Liberty would prove profitable if properly handled.

Soil.

Competition gets stronger every year and good roses must be grown. Good stock sells first and the poor is often sacrificed. The demand is always for the best and such will bring a good price when poor stock goes for nothing. To grow good roses requires knowledge, experience, good houses, ample heating facilities, plenty of water, good soil and other conveniences. If these essentials are all there good stock can be grown.

I will not take up your time by going into full details, but will simply say a few words about soil and feeding roses in the winter months. Too much attention cannot be paid to the soil, for it is the foundation of the whole year's work. A good grower knows now the soil he is going to use next year. He prepares his soil a year, or at least six months, in advance of the time it is to be used. When planting and other rush work is completed he prepares his soil for next year by plowing a piece of old pasture and putting the sods grass side together in a pile of rectangular form. If the soil of the pasture is light and black he adds half as much heavy loam or clay. If it is heavy he adds lighter soil. Then he can put a half-inch thick layer of bone meal on the whole length of the pile, a layer of one-year-old cow manure a foot thick, and an inch layer of slacked lime on top and all around the pile. The lime prevents insects from penetrating the soil and laying their eggs therein, and it helps to rot the manure.

When the pile is two or three months old it should be broken down and set over (repiled), so that the different parts are well mixed and the frost can get into it. Chop up all the lumps and your soil is ready for the coming season's use.

Feeding.

Early planted roses should have a mulch of old cow manure about the latter part of August or beginning of September. A week after it should be turned over, all the lumps made fine, worked into the soil in the bench and leveled off nicely. The daily watering will soon take the fertilizing properties of the manure into the soil, so you will need to begin giving liquid manure in October, especially in the case of American Beauties. A hungry soil produces blind wood, and the plants lacking strength to force up bottom shoots produce only eye shoots. But it is not wise to feed roses that are off crop. They should be given a little rest by lessening the amount of water for about a week.

Before giving liquid manure prepare for it by getting the soil on the dry side, and when giving the liquid make it the substitute for a thorough watering. It is preferable to feed when the roses are beginning to come in crop and during the time a crop is being cut. It helps to develop the buds and gives them size and a richer color. During the dark months (November and December) I would advise feeding with liquid manure but once each month, during January and February twice a month, and during March and April three times a month. Select a bright day in which to feed with liquid.

Three years ago I devoted a house to experiments in feeding, using bone meal, horn shavings, night soil, nitrate of soda and liquid cow manure and found that the cow manure gave the best results.

PAUL KOPANKA.

In the discussion of Mr. Kopanka's paper, Mr. Rudd said that the reason the best results were obtained from the cow manure was that it was a complete manure. He believed that if the cow manure, bone meal and horn shavings had been composted together better results would have been obtained than from any one applied separately.

ROSE NOTES.

If our roses were in crop about the last week in October or the first week in November we can count with some certainty on a crop for Christmas. In this case the roses will by this time form their buds and with an even temperature of about 58 degrees at night will mature by Christmas. Should the crop appear to be coming too late you can raise the temperature a few degrees, say 60 to 62, and in case of necessity to 65 degrees for the last few days. This will not be beneficial to the plants, but if you at the same time keep the ventilators up an inch, or even a half inch, the danger of soft growth is greatly lessened. If the main crop should be coming too early a few degrees below 58, say 56, or even 54, will sometimes bring it right.

But if the crop should be so far advanced that it will be impossible to hold it back by a lower temperature, the only way out of the difficulty is to cut out the center buds on strong stems and let the nearest side bud develop. This will, of course, not bring as fine a flower, but it is far better than none at all. The bud should be cut off to the next side shoot, and if done in time and with good judgment the results will be gratifying. By the time the flower is ripe to cut, stem and flower will show little if any defect. This plan should, however, be followed only in case of emergency, as it is very easy to overdo it.

I do not think it advisable or profitable to keep the night temperature for Bride, Bridesmaid, Golden Gate and Am. Beauty below 58 or higher than 60 degrees; Perles, La France and Duchess of Albany above 60 to 63, and Meteor 68.

New Yellow Chrysanthemum, Mrs. Elmer D. Smith.

As the roses make their growth they may be watered liberally, but when you commence cutting the crop water more sparingly, so that you will have the plants on the dry side when off crop. Syringe on every favorable day. Hold the hose so that the water strikes the under side of the foliage, otherwise red spider will soon make its appearance. The spider is very easy to keep off, but hard to get rid of when it once has a foothold. Be most particular in syringing the Beauties. Syringe hard when you do it. Three to four times a week is plenty. Be sure the leaves dry off before night after a syringing. In case a sudden change in weather threatens to prevent the drying off of the foliage properly, give extra heat and extra ventilation.

If any black spot appears pick off and burn the affected leaves at once. Keep the air sweet. Have a little sulphur on the pipes at all times.

M. STAUCH.

[The above notes were intended for last week's issue but arrived too late. Following are the notes written for this week's issue.]

After the long spell of cloudy weather the recent days of sunshine have brightened the face of many a grower who has been anxious about his Christmas crop. If you have kept your plants a little on the dry side during cloudy days they will take a good watering the first sunny day. I believe in watering so one can feel the moisture at the bottom of the soil, and then leave alone until fairly dry again. Do not water and syringe a little every day. There are places over heating pipes and at corners where you will have to water oftener, and always try to keep these places equally as moist as the rest of the bed, so you can water the whole equally all over again when needed.

Check the fires before the sun gets up too high, so that the temperature of the house rises gradually. Otherwise you are very apt to raise the ventilators too much while the air outside is still very cold. In such a case the cold air drops down upon the plants and gives them a chill. Start to raise the ventilators at 60 degrees and gradually increase the ventilation as the temperature rises. Try to have all artificial heat off as soon as the sun heat is sufficient to maintain the necessary temperature.

Hybrid and hybrid tea roses that have been dormant and that are intended for Easter blooming will soon need attention. It is none too early to get them started about the last week of this month. If they are in solid beds cut out all brush, old and weak flowering wood. Do not cut it back but take it all out. Leave from three to four shoots according to distance apart of the plants.

Take a little of the surface soil off and give a good mulching of manure and soil to which you may add some bone meal. Tie them down, distributing evenly over the bed, and give a thorough watering. Start them at a temperature of 45 degrees and raise gradually after they commence to break. Those on raised benches are treated the same with the exception of the pruning. Cut out all the worthless wood and cut the rest back to four or six eyes. The roses on benches will under the same treatment bloom for a week or ten days sooner than those in solid beds.

M. STAUCH.

MILDEW.

Please tell me through the Review if sulphate of copper and lime is ever used for mildew on roses in the greenhouse, and if so, what proportion of each is used. H. S.

A solution of sulphate of copper and lime is used for downy mildew and black rot of the grape and blight and rot of the tomato and potato, but I have never known it to be used on roses under glass. Lime or lime and sulphur in equal parts is used, dusting it on the foliage. H. S. will do best to use pure sulphur, either on the foliage or on the heating pipes. M. STAUCH.

HARD WOOD ROSE CUTTINGS.

Will not some reader of the Review tell me how to propagate hard wood rose cuttings indoors, stating how much bottom heat to give them? Also how to propagate hybrid rose cuttings in frames in summer. How should the frames be made and the cuttings treated?

SUBSCRIBER.

The first requisite of success in propagating roses from hard wood is to have the wood very thoroughly ripened and hard. It is then stripped of the foliage and made up into two or three-eye cuttings. These are stuck in sand which has been very firmly packed. The cuttings should be well firmed in the sand, as thorough packing is essential to success. During the first three weeks a temperature of 38 to 45 degrees may be maintained with very little additional bottom heat. The bottom temperature should then be gradually increased until it reaches 60 degrees. A bottom temperature of from 60 to 65 degrees may then be maintained. At no time should the top temperature rise above 50 degrees.

Frames for propagating hybrid rose cuttings in summer may be made as follows: Fresh manure to the depth of one foot should be placed in the frame and thoroughly packed. It should be moistened and covered for two or three days before using. Put on two inches of gravel and three inches of sharp sand. See that the sand is firmly packed. The cuttings should be thoroughly watered after sticking. Keep the frames closed for five or six days, only opening them to spray lightly when necessary. The frames should be shaded from about eight in the morning until four in the afternoon. On the sixth or seventh day begin airing by raising the sash one inch for one-half hour morning and evening. The air and light should be increased gradually until the cuttings are rooted. Never allow the sand to get dry, but avoid too frequent syringing.

L.

CHRYSANTHEMUM MRS. ELMER D. SMITH.

We present herewith an engraving from a photograph of this new yellow chrysanthemum that originated with Messrs. Nathan Smith & Son, Adrian, Mich. It is a bright yellow, deeper in color than Golden Wedding, very similar to Bonnaffon in form, but with a heavier and stronger stem. It attracted a good deal of attention at the Chicago show. The blooms shown there were seven inches in diameter. Stem and foliage are first-class and the habit of growth is dwarf, being a scant three feet high. It is in season November 1 to 10. Four of the Chrysanthemum Society's committees gave this variety an average of 92¾ points. It is certainly a most promising yellow sort.

THE Review's classified advs. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."

CARNATION NOTES.

Choosing New Varieties.

By this time most of us have made up our minds what varieties we intend to grow in quantity next year. I think this is one of the most important questions we have to decide, and should be weighed carefully before we decide what proportion of our stock shall be of a certain color or variety. Every spring there are a number of new varieties put on the market and many of them are decided acquisitions, but most of them are forgotten after a season or two. To find out which varieties are going to stand the test is constantly taxing our best efforts. We are almost bound to try them all for ourselves, because occasionally a variety that does well with our neighbor will not do at all with us. But occasionally a variety comes out that seems to thrive all over the country, and under all kinds of treatment, and it does not take it long to become a universal favorite.

When we fail with a variety we are very apt to condemn it, and the man who introduced it; and yet, if we will take a second thought we find that it is only our own ignorance of its peculiar wants that has caused the failure, which is proven by the fact that it showed up fine at its birthplace, before it was sent out. There are so many good ones, though, that we can hardly afford to spend much time and room on a variety, trying to find its peculiar wants, unless it produces a distinct or extra fine bloom.

Mrs. Bradt under ordinary treatment proved to be too shy, and the blooms had to bring nearly double the price of other varieties to make it profitable, and many growers dropped it on that account. But those who took the trouble to experiment a little, found that by starting early and planting closer on the bench they could cut as many blooms to the square foot as they could from other varieties, and as the blooms nearly always bring top prices it has become one of the most profitable varieties.

Many new varieties are discarded because they come into full crop too late in the season, which is also a serious mistake in many cases. A good early start, both with the cutting and with benching in the fall will usually remedy that fault. Most growers complain about Jubilee acting that way, but a bench which we planted early in May began to bloom as early as any of the others, and we cut a good lot of blooms, too. Now there is a nice crop on it, and by January there will be an enormous crop from all appearances.

It seems to me that when a man introduces a variety, he ought to give as much information about its peculiarities as he can, and I think the time is not far distant when it will be done. We all know that every variety has its peculiar wants, and it would not hurt the sale of it to state that it needs to be planted early, or grown at a certain temperature, or that it needs heavy or light soil to make it do its best. It certainly would save just about one season of experimenting on the part of those who buy it.

All up-to-date growers recognize the fact that different varieties need different treatment, and it is merely a question as to what that particular treatment is. We shall be glad to give it, if we know what it is, but we are apt to lose our patience if we fail too badly at first. If they do not care to say it in the adv., they could have slips printed with all the information that a good grower needs, and put in one with each shipment. When a man introduces a variety we hold him responsible, to a certain degree, for its behavior afterward, and if he expects to ever send out another variety it will pay him to help his customers all he can to grow it successfully, because he will want to sell them some more.

Consider the varieties sent out last spring, and how many are reported as doing extra well, except at a few places? Ethel Crocker and Genevieve Lord are reported as doing fine most everywhere, and it is only because they are varieties that will do fairly well under almost any reasonable treatment, while the other varieties are doing well only wherever they happened to fall into the hands of experts who were quick to discover their peculiar wants and handled them accordingly. Next season you will see or hear of them doing better throughout the land, because we know they are good and only need to be understood. The Marquis, for instance, seems to be a variety that needs early striking and early planting, so get in your cuttings as soon as you can. For the average florist, who grows only a few thousand plants, the easy doers are no doubt the most satisfactory, but if you can give them a little extra care it will always pay to grow a few of the others for their colors and for variety's sake. In fact, in order to have a good selection of colors you must grow them, because the easy doers are all either pink or white. There is not a single scarlet nor a variegated variety that can be put into that class, and the yellows are all hard to do well. There is as much room as ever for the hybridist to work in.

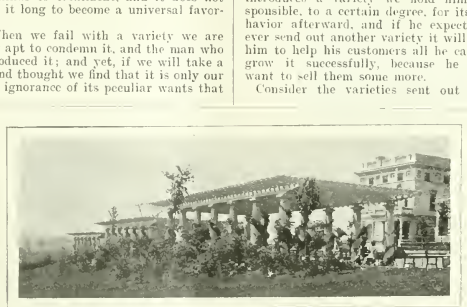
Rooting Cuttings.

For rooting carnation cuttings I use the north bench in an even span carnation house. Two steam pipes run underneath it, and the front is boarded up to within about six inches of the ground. This gives about 10 degrees of extra bottom heat, and causes them to root in about ten days less than if there were no bottom heat. The overhead temperature should be about the same as that in which the cuttings were grown. Put on four inches of sand and pack down to about three inches. I like a rather coarse, clean sand in preference to the fine dust-like sand used by some. There is much less danger from fungus, and with care it can nearly always be used twice, whereas the fine sand needs to be renewed for each batch of cuttings. Use an ordinary table knife to make a cut about two inches deep and straight across the bench. A little practice and a good eye will soon enable you to do it without the aid of a ruler, which is often used. There is no objection to the ruler except that it wastes time.

Insert the cuttings deep enough to insure their standing up when they receive a good watering. The distance apart in the row and between the rows must depend entirely on the size of the cuttings, but they must not be crowded. Good sized cuttings will need three-fourths of an inch to each cutting in the row, and one and one-half inches between the rows. For shading we use muslin. At present we need only a curtain suspended from the roof and reaching to the bench in front, but later, when the sun gets up higher, we will need another, stretched over the bench in such a manner that it can be drawn aside at will. The curtain not only keeps off the sun, but it also serves to keep off all draughts, which would wilt the cuttings and make syringing oftener a necessity. This method is certainly a great improvement over the old way of laying paper on the cuttings.

Next week we will have a talk on the merits and demerits of the older varieties.

A. F. J. Baur.



The Pergola in the Paseo, Kansas City, Mo.

CEMETERY PLANTING.

What is best to use in cemetery work? Something hardy would be desirable. Will florists who have been doing this kind of work please tell me through The Review what they use, whether the surface of the grave should be rounded up or flat, size of plants used and distance apart.

J. J. L.

Massachusetts.

In the beautiful cemetery in which I do a great deal of work the graves are rounded up in the old conventional style, and covered with sod. It would please the authorities of our Forest Lawn very much if the graves were all level to conform to the surface of the surrounding grass. It would save a great deal of work and the grass could be kept much fresher and greener as the mounds dry out far more than the surroundings.

I notice in the Greenwood Cemetery in Brooklyn that many of the graves are covered with English ivy. I would say there is nothing better than this beautiful plant for the purpose, but it would not be hardy in Buffalo. It would suffer during the bitter snows of March while it was severely frozen. There are quite a few graves lately covered with Vinca minor, the common periwinkle. In situations where the graves are beneath the shade of trees and grass is difficult to grow the vinca comes in excellent. It is perfectly hardy, forms a

close material and looks green the whole year. It needs shearing every spring. Perhaps after a time people will be satisfied to have the graves leveled and then it will be much easier to grow the vinca or the ivy on them, and I believe that the management of all cemeteries would be glad to have it so.

In Forest Lawn no one is allowed to do any sodding or plant anything on the lot that would disturb the sod, but they have given permission of late to cover the graves with vinca where desired. All the florist is allowed to do is to put iron or wooden vases on the lot, filled with flowers. Neither are there any fences. If suiting the general effect of the lawn a tree may be on your lot, but if it is not a suitable place there is none allowed. This may seem to some a little arbitrary, but there is no doubt it is the ideal way to conduct a cemetery. I do not know of any material except the English ivy, where hardy, and the Vinca minor, with us so good for the purpose of covering graves. W. S.

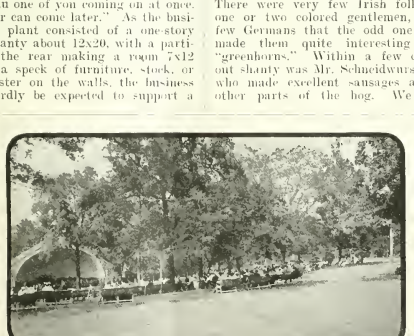
SPEAKING OF RATS, OR THE SETTLERS OF CANADA.

Three young men with very limited capital and an equal amount of experience in a new country made up their minds that working for daily wages was beneath their ability and ambitions. So while two remained earning a dollar and a half, more or less, a day, the third and youngest started on a tour of inspection, and location, and after a week of silence came the joyful news: "Have located in Stratford, Ontario. Fine opening for seed store and greenhouse. Business will at start hardly warrant more than one of you coming on at once. The other can come later." As the business and plant consisted of a one-story frame shanty about 12x20, with a partition at the rear making a room 7x12 without a speck of furniture, stock, or even plaster on the walls, the business could hardly be expected to support a large family. This building, however, was no commonplace affair. Its nocturnal occupancy by rats surpassed in numbers to the square yard any place on earth except, perhaps, the sewers of London and Paris. To a merchant this feature would not be so valued as the fact that it fronted on the market square, and a few months later every farmer who brought in his wheat and pork could not help seeing the pelargoniums and fuchsias which the young firm offered to the rural gaze.

Just a word descriptive of this thriving little city in the splendid agricultural peninsula of Ontario. Stratford in 1869 was much smaller than it is now. Through it meandered the River Avon and its wards were named Romeo, Juliet, Othello, Falstaff, etc. But there were lots of people in it who were unaware that the immortal William had ever lived. The prevailing nationality was Scotch and English. There was a liberal allowance of ministers of the gospel and most every denomination was represented. We never rented a pew from any of them. With twice the amount of spiritual care it would not have saved the merchants from the reputation of being addicted to the thrifty trick of giving a bill of sale and deed of property of all their earthly possessions and going into bankruptcy. This usually happened soon after they had laid in a large stock. But they were pillars of the church and pillars of society, and the gossip of the idle people disturbed not their peace. There were very few Irish folks, only one or two colored gentlemen, and so few Germans that the odd one or two made them quite interesting to us "greenhorns." Within a few doors of our shanty was Mr. Schneidwurstburger, who made excellent sausages and sold other parts of the hog. We bought much ham of this worthy Teuton and soon there was a back yard acquaintance between his daughter Katie and the junior partner of the seed and garden firm.

Twenty miles north of Stratford you would have in that day reached a territory but sparsely settled. Deer were brought into market on the farmers' wagons and within a mile of the center of the town a bear had visited a friend's cornfield. Making sure the bear had left, we visited the spot to see the havoc done. We always had time to listen if we could get a farmer to tell us of his early life and hardships in the woods. Many a one told us that after paying a trifle for their land, and perhaps a yoke of oxen and some scant furniture, they had absolutely not a penny left; only their pluck and strength to face the wilderness. Walking twenty miles through the woods with their first bag of wheat to the grist mill, returning with their flour and being overtaken by night a few miles from home. Leaning against a tree for rest they hallooed loud and long, and were fortunate if answered by their faithful dog at home, for that gave them their direction for another few yards of struggling on.

Bedding in a Kansas City Park.



Music Stand in a Kansas City Park.

Almost as weary a task as that of the mighty Jean Valjean with Marius on his back escaping through the labyrinth of underground Paris. Remember, young man, your education is very incomplete if you have not read Victor Hugo's immortal work. Many of these weather-beaten but now prosperous farmers were not farmers at all when they crossed the Atlantic. They were Glasgow weavers. But they were Scotch and that blood has conquered the wilderness in every clime. A brother of the great African explorer, Dr. David Livingston, was one of the early settlers a few miles from Stratford. With eager ears and keen enjoyment we listened to these stories of the lives of the early settlers. It was to me sweeter far than the strains of Sousa's band or the warbling of Patti.

We rented two acres of excellent land from the Episcopal minister, and he was typical of the class in this country. Well brought up, good looking, manly, liked his glass of ale and cigar, very respectable and poor. A friend of mine says he likes the Episcopal denomination best of all because they never bother with religion or politics. The land was plowed and sown and planted with crops that we thought would yield us the greatest revenue. Unfortunately, the land was in sod, and however good that is for corn and potatoes it is not best for onions and root crops. Our first crop to market was peas, McLean's Advancer. It was probably the first time such a superior pea had advanced inland. The third and oldest member of the firm had long before this joined the firm.

Seeds had been imported from "hold Lunnen" and New York and we did a fair business in seeds during April and May, but the seed business don't last long. Then a Toronto plant grower owed one of the partners over a hundred dollars in wages. That was all taken up in plants, and as there was no florist in Stratford in those days they went off well. Still the income was precarious, and although three young men never

lived more frugally our capital steadily decreased. We bought a load of oats and inside of a week every deadbeat in town who owned a horse brought their bags round and got a bushel or two and "pay you Saturday." We bought thirty bushels of potatoes on a falling market and lost money and finally agreed that speculation was not our forte. If you had seen three able bodied young men trudging home from the field in the dusk loaded with peas in the shell and then in their 7x12 room shelling them for tomorrow's market, you would have said such industry ought to have helped us along, but it did not. The profit of the day was not more than 30 cents for the three of us.

Next door to our store was a hotel—called a tavern in Canada, a saloon in the United States, and a public house in Great Britain. We will call it an hotel, for there were stables in the rear, and if it had not been for these horse apartments this little story would never have been told. Mr. Holliday was the boniface, and very kind he was to the three young strangers. While two worked in the garden the other minded store. In that we took turns, for it was the soft snap of the firm's work. When evening came and our supper dishes were washed and there was nothing more to do but read by a poor light or stretch ourselves on the floor, the two eldest would exchange glances and from one or the other would come the bold assertion that he thought the firm could afford a glass of beer tonight. The younger member invariably demurred on the grounds that it was extravagant and unnecessary. He was doubtless right on both points, but what a poor world and what a revolution in society if we only bought and used what is an actual necessity. It was usually settled by three matches. Whoever drew the long match had the say, and the junior member never seemed to get the long one, so with measured tread we marched up to the bar of Mr. Holliday. "Three glasses of ale, Mr. Holliday, if you please." "Yes, gentlemen, glad to see you. How's business?"

I don't remember that we ever divulged the facts of our business, but we always thought he knew about the drop in potatoes and who got our oats, so we used to reply, "Fair, fair; not much doing in seeds, but plants are moving quite nicely." I am sure it used to take, or more properly, we spent at least fifteen minutes in sipping that glass of ale, and occasionally, not every time, Mr. Holliday (God bless him) would say, "Drink up, boys, and have another." I have heard that said thousands of times since, sometimes with indifference and many times with meaninoss, but when it was said by Mr. Holliday thirty-one years ago in that little Canadian village they were sweet and welcome words. I will be honest and admit that we lived close and we enjoyed the ale, and then we leisurely strolled back into our hutch, cut up some Canadian plug tobacco, filled our pipes, and by the stimulant of malt and nicotine we sat for awhile and calculated how much money we should realize from the potatoes, onions, parsnips, carrots, etc., that were growing in the parson's lot. Perhaps we figured on the cost of a greenhouse and then we figured on what horse would win next year's Derby, and then we almost quarreled about the name of the horse that won the St. Leger in '62. There were no shows visited the town; no bicycle in those days; and I can hardly think how the young people amused themselves.

You will think, my friends, that I am a long time getting to the rats. They are coming fast now. First, I must introduce you to the three young men, at least by name. The eldest was W. S., 25; the next in age was E. I. M., 24, and the youngest was A. S., 23. People often asked us where we lived. They saw us in the store or on the street, but they never could hear where we roomed or boarded and we never told them. We kept bachelor's hall in this 7x12 room. A large mattress and bed clothing we had with us had crossed the Atlantic in one of our trunks with many other useful things that we expected to use in the woods somewhere south of Hudson's bay. We always knew on the map our intended destination, but we never got within 700 miles of it, and are farther off than ever. We had a bed and bedding, but no bedstead—and had no room for one. We had knives and forks and plates and a coffee pot and frying pan. Possibly we had a saucepan, but of that I am not sure. A. S., when starting housekeeping, had purchased a boxwood stove with one hole in the top for $2.50. It had possibly done service in a fourth rate railroad station or small logging camp.

Our three meals a day never varied from the first to the last of the month. It was fried ham, bread and butter, and coffee; occasionally sausages, but seldom. It was all good of the kind and we soon got over that feeling that some people foolishly have of getting tired of the same thing for a week. We were long past that and looked not asked for anything but ham and coffee. Provisions were never bought till within five minutes of meal time, because the rats would have found them. After losing pounds of sugar and butter, loaves of bread and many slices of ham we learned that the grocer and butcher could store things better than we could, and as for an icebox, it was as foreign to us then as Noah's ark and would have been useless unless made of cast iron. We quarreled occasionally about whose duty it was to go to the butcher's, but we never disagreed about the cooking, as we took week about.

Early in the season the spout of the coffee pot had been melted off, and as it left a big hole in the pot at least a third of the way down, we always had to cleverly balance the pot on the cordwood at such an angle that it held as much as possible without running out at the spout hole. Frequently (too frequently for our peace of mind) a piece of beech or maple on which the pot was resting would burn through before the coffee boiled and over would go the pot and out would go half the coffee, quenching the fire and making short allowance of our indispensable and enjoyable stimulant. All sorts of things were said when this happened—many of the familiar phrases of Old England and some of the acquired vernacular of our adopted country. "D—m the B—— stove" was short and to the point and E. I. M. could usually think of that first. With all this we lived on and worked and slept. Edison, the great electrician, says that a variety of diet is conducive to mental activity and brightness, and a continuous diet of a low grade of food has the reverse effect. If that is so we must have been sinking very low in the activity of the molecule of grey matter. Our appetites were all right. Neither dissipation nor stress of business impaired them.

A. S. proposed that we should make a hotbed at our back door. The moment you stepped out of the dining-living-reception-bedroom you were out on the commons. No doubt our landlord knew the boundaries of his lot, but we never did, and as there was no fence we never took the trouble to inquire. No man, woman or child in our time had ever passed through that room. Several showed an inclination to do so, but they were never allowed. The tinsmith of the town was more gaily than the rest, and being a frequent caller and one of the characters that amused us, he was hard to bluff. So when he said, "Boys, I want to see your tomato plants," we looked at each other in dismay. But arrangements were soon made for rushing him through this small space. A. S. stood at the store door and said, "Here you are"; E. I. M. stood half way of the seven feet and said "Right along there," while W. S. stood at the back door and said, "Here they are." All this with outspread arms and a rush. Mr. Tinsmith went through that little room a-kiting. He had no time to survey the stove, cooking utensils or sleeping accommodations, and once through the door was bolted and he never came back. He had to take the commons and find his way home some other road.

Perhaps the most disturbing feature of our existence was, strange to say, a cow. I cannot describe the cow, for I don't remember ever seeing her in daylight, but she was the property of our neighbor, Mr. Schneidwurstburger. Our swill barrel stood close to our back door. There was never much in it, but as the vegetable business grew there were pea shucks and lettuce leaves, and these were the great attraction for Bossie. Having horns she could not get her head into the barrel, but she had enough to upset it and was generally rewarded with some green stuff. When darkness covered the face of the earth and our oil lamp was extinguished and slumber was creeping over the three prostrate forms the cow could be heard at the barrel. We stood this several days, till it became monotonous to clean up every morning. We occasionally opened the door with the intention of giving her a good swipe with something near at hand, but the cow was forty paces away every time. A. S. went to the woods and cut down a young beech tree and got a farmer to haul it to our back door. It was 12 feet long and 8 inches in diameter. One end of this was to be raised and suspended over the barrel, and by a clever piece of mechanism, when the barrel was upset down would come the log with a first-class chance of breaking the cow's back. The constable of the town was also a caller, and we divulged to him this deadly device. He said, "Don't do it; you will get into trouble." So this great death dealing effort was abandoned.

That night the three of us sat close by the door. One had a large stone, one had the castor of the poor old stove and the other had, unfortunately, a very good hammer. The light was put out and when we were sure the cow was at the barrel the door was dashed open. All we saw was something dark retreating at a long distance. The rock and castor and hammer went in her direction, but did no execution, and the hammer was never

found. I am not exaggerating the speed of this wonderful bovine. Could a careful selection of her offspring have been made and a scientific selection of future generations there would now be a race of horned cattle equal in speed to the famous horse "Boralma," owned by Mr. Thomas W. Lawson, which has cleaned up all the trotters of his class this summer. When we retired for the night (I ought to say lay down for the night) E. I. M. slept on the west side, W. S. in the middle, and A. S. on the east side.

Excepting the loss of our provisions we had not seen much of the rats. Our presence had disturbed their frolics, but that did not last long. I am sure this shanty had been for a long time prior to our advent a grand rallying place for all the leading rats of the market square. Doubtless where we slept was the convention hall for the Society of Canadian Rats and Ornamental House

Water Effect in a Kansas City Park.

Rodents. There were holes for entry and exit innumerable, but the one principal approach was through a spacious hole in the northwest corner about eighteen inches from E. I. M.'s ear. For the first few nights after the arrival of W. S. we slept the sleep of the weary, undisturbed by either cow or rodent. Then we began to ask each other, "Did you feel something run over your face last night?" or "Did you hear something squeaking before you went to sleep?" and soon these symptoms increased, till at the end of three weeks the rats got over our presence and held high carnival over and around us.

One night about the time these ratification meetings began to be unpleasant we stopped up several holes, but left the principal one open. Then E. I. M. laid down, as we all did, but in his left hand he had a big rag, and one of the others had a match. In twenty minutes we came to the conclusion that there was a full meeting, so over the hole went the bag and up to the lamp went the match. It is wonderful how rats will find places of escape where you don't see them, but in spite of that we murdered eleven. This was repeated at intervals of a few nights, but even that sport gets tame. The incentive and spert of shooting or hunting is always increased by the wariness and crafty instinct of your game. If grouse and quail were as tame as the pigeons in your cote there would be no sport in shooting, or if deer were as tame as cattle they would not be hunted at all. Through ages these creatures have learned that man is their enemy and have all sorts of instinctive tricks to escape his weapons. The game birds even have assumed a color that is very similar to the leaves and barks of the trees, which has greatly helped to prevent their extinction. But without going deeper into this sublime subject, which is the "survival of the fittest," I will merely say that ratting under the conditions explained above began to pall on us and in a few weeks we gave it over and the rats had full sway. Very possibly we got accustomed to their music and pranks, and if I remember correctly we did not sleep at all well the first few nights we were away from the rats.

Midsummer and harvest time came and W. S. and E. I. M. volunteered to go out into the good agricultural district and labor in the fields and incidentally add to the firm's exchequer. We wandered all day in a splendid farming district, but did not get an engagement. The farmer we were talking to had just hired a man, but he was sure his friend, Donald McPherson, the farm just beyond his next neighbor, wanted several men. So we walked all day without results, and in the middle of the night took a train back to Stratford. On approaching the back door, strange to say, the cow was not there. Some vigorous kicks brought A. S. off his perch. Poor fellow! He had collected several old boxes and put them one on top of the other till they nearly reached the ceiling, and on them was his roosting place. He gave the wanderers anything but a hearty welcome; in fact, plainly showed his disgust at our failure. Soon after that W. S. left, never to visit Stratford again, and E. I. M. left soon after. The following spring the business was wound up, everybody was paid one hundred cents on the dollar, and the three old partners are widely scattered. If any Stratford florists should by chance see this little autobiography I can assure them that every word is true, and if old Bill Jones was alive he could prove it. W. S.

You need it in your business. The Florists' Manual, by Wm. Scott. Send in your order now.

CHICAGO.

The Market.

Conditions in general have improved as to demand and there is a shortage of Beauties and red roses. In spite of this supply is still more than sufficient. Carnations have also been short of demand the last few days. All good violets that come in are quickly taken up. Both supply and demand are, however, much smaller than last year. Just lately there has been a scarcity at times. Prices are somewhat stiffer all along the line and the Christmas influence is beginning to be felt.

As to the supply for Christmas trade few will venture a prediction. All agree that Beauties and red roses will be scarce, and some think there will be a serious shortage all around. Others look for enough Brides and Maids to go around and the same as to violets. Unless we have a fair amount of bright weather during the next ten days it is likely that the supply of carnations will be insufficient. There will probably be quite a few chrysanthemums, mainly yellow in color.

A great many advance orders for Christmas have been already placed and inquiries from buyers are numerous. Indications are that the demand will be large. Prices will probably be about the same as last year.

Club Meeting.

At the last meeting of the Florists' Club a letter was received from the Galveston florists acknowledging the receipt of Treasurer Sanders' last draft and stating that of all the assistance extended by the trade 50 per cent had come from Chicago. The letter expressed the gratitude of those who had been assisted by the contributions.

The report of the banquet committee was received. It named the following as contributors to the entertainment fund: Kennicott Bros. Co., McKellar & Winterson, O. P. Bassett, E. H. Hunt, E. Wienboeber, E. C. Amling, Wietor Bros., Weiland & Risch, James Hartshorne, O. J. Friedman, J. B. Deamud, J. D. Thompson, J. C. Vaughan, Peter Reinberg, Geo. Reinberg, M. Barker, A. Lange and a friend.

The papers on roses by Messrs. Geo. Collins and Paul Kopanka were very interesting and the thanks of the club were tendered to both for their valuable essays. They appear elsewhere in this issue.

Mr. W. N. Campbell was elected to membership.

At the next meeting Messrs. Walter Kreitling and P. J. Hauswirth will favor the club with some observations on the trials and tribulations of the retail florist. Walter intimates that he will color the "red violet" blue.

Various Items.

McKellar & Winterson are doing a tremendous business in supplies for Christmas trade, the volume of same being fully three times that of last year. Business is most decidedly on the rush here.

A. G. Prince & Co., who were the Chicago agents of the Hinsdale Rose Co., have decided to discontinue the commission business. The Hinsdale Rose Co. and Henry Payne will in future consign their entire stock to E. H. Hunt, whose growing business makes these additions to his list of consignors very acceptable.

The space formerly occupied by Prince & Co., which adjoined the establishment of Mr. Hunt, will be added to the latter, thus giving needed room. Mr. Prince will take charge of the greenhouses of the Hinsdale Rose Co., at Hinsdale.

Mr. Henry Payne, who some time since purchased his brother's interest in the greenhouse establishment at Hinsdale that have been conducted under the title Payne Bros., will continue the business under his own name. He is devoting nearly his whole plant to "green goods" such as Asparagus plumosus and Sprengeri and Adiantums cuneatum and pinnceps.

Kennicott Bros. Co. are still receiving fine chrysanthemums and expect a fair supply for Christmas. In addition to their mahonia leaves they are now receiving from the Pacific coast what are called "Salla" leaves. They are similar in form to the leucothoe sprays, but the individual leaves are larger and more rounded. They should prove very effective for wreaths and in large designs.

Bassett & Washburn have already booked a large number of Christmas orders and say trade has never been better with them.

A. L. Randall seems to be busy all the time and is handling a lot of stock, having considerably increased his list of consignors since last year. He looks for a period of increased prosperity in the trade during the next few years and is in a position to get his share of it.

H. S. Harman, representing E. H. Hunt, reports unusually good sales during his recent trip through Michigan, Indiana and Ohio, and says that the trade generally seems very prosperous.

E. R. Tauch has taken a position with the Geo. Wittbold Co.

Recent visitors: Fred Breitmeyer, Detroit; A. C. Brown, Springfield, Ill.

Geo. M. Garland has his foundry almost ready for business at Des Plaines and will soon be casting iron gutters in quantity.

Mrs. C. L. Washburn has been quite ill for several weeks.

Wietor Bros. have over double the amount of glass in roses and five times the amount of glass they had in carnations last year.

H. W. S. Cleveland, the well-known landscape gardener, died Dec. 5 at the home of his son, R. D. Cleveland, in Hinsdale, aged 86 years. He did a great deal of landscape work in the parks of Chicago and Minneapolis. He prepared the original plans for Washington Park, this city, and also had charge of the work on Drexel boulevard. The body was taken to Minneapolis for burial.

Fred Ewert is now salesman for A. H. Poehlmann, vice C. S. Stewart, who left the position last Sunday.

Fred Anderman, formerly a well known grower at Lake Forest, is held at the Detention Hospital, awaiting examination as to his sanity. He has long been a victim of the morphine habit.

Bowling.

Another set of league games was played by the bowlers last Monday evening. The scores follow:

G. Stollery	177	152	203
F. Stollery	178	150	304
F. J. Hauswirth	127	153	135
E. Winterson	141	147	122
C. Balluff	152	159	137
Totals	773	761	701

There was some bowling after the club meeting last Friday evening, but the scorer was held up and lost the scores.

ST. LOUIS.

The Market.

Business, since last report, has been rather quiet. The weather has been fine but not cold enough for the flower business since Thanksgiving Day.

Cut flowers of all kinds are not scarce and prices have dropped a little since last week. A great many of the local rose growers claim to be off crop and that roses will be scarce for Christmas and especially so if dull weather should set in. With this one exception everything promises to be in full supply.

Romans and paper whites are still coming in in large quantities. Violets have been in great demand the past week and brought $1 per 100 for the best Californias. Harrisii and callas are scarce.

Roses have been selling the past week as low as 25 cents per dozen in the retail stores downtown. The varieties were mostly Brides and Maids. The best stock in Meteors bring from $4 to $8; Maids and Brides, $4 to $6; Perles and Woottons, $3 and $4; Carnots and Gates, $4 and $5; Beauties, of the first grade, are very scarce and $3 per dozen is asked for the best and from that down to $1 per dozen.

Carnations vary in quality and there is not an oversupply. Good stock brings $1.50 and $2, with fancies at $2.50 and $3. The demand is good and few are left over after the morning sales.

Choice valley is held at $5 and some is sold as low as $3; Romans and Narcissus, $3.

Christmas prices are unsettled and the general sentiment of the commission men is against any large advance. Holly and green have made their appearance and some of the large downtown stores are already decorated, but not so elaborate as last year, as green is very scarce and of course the heavy demand for ground pine will keep the prices up. Commission men are asking as high as $15 per 100 pounds.

Green wreathing is selling at retail at 10 cents per yard, against 3 cents in former years. The little holly that is in the market is good but not heavily berried.

Bowling.

The bowling scores of Monday night were as follows:

	1.	2.	3.	4.	Total.	Av.
A. G. Ellison	140	139	201	156	676	169
Wm. Adels	105	170	185	187	647	161
F. C. Weber	112	135	135	137	519	127
C. C. Sanders	120	140	126	116	502	125
John Young		118	104	171	393	131
Frank Ellis			112	102	214	102
Mr. Winter		87	70	57	214	71

J. J. B.

BOSTON.

Trade Conditions.

Nothing alarming has developed up to the 10th of the month. As expected, Thanksgiving knocked the bottom out of the chrysanthemum business, thereby giving other flowers a better chance at what little trade there has been since, and as the cut has not been very heavy, prices have held up very well on everything and particularly well on good white pinks. Quantities of stock have been badly affected by so much cloudy and rainy weather, especially roses, which, however, recuperated wonderfully under the better conditions at the end of the week. Two or three growers claimed $3 per dozen for a few choice ones, $1.50 and $2 being general, and 3 and 4 cents each being the lowest limit. Pinks, 2 to 6 cents; violets, 75 cents to $1, and other material at regular rates. The embargo seems to have been raised on the output of the Waban Rose Conservatories, as they have cut some particularly fine goods within a very few days, including as good Beauties as were ever seen in the city, which demanded $9 per doz.

Various Notes.

George Sutherland starts the new century in new quarters at 34 Hawley street, where he has engaged roomy accommodations. The location is immediately in the rear of the famous "Raymond Syndicate." All hands will please join me in extending seasonable compliments and best wishes. He also speaks of retaining a small room in the new building soon to be erected on the site of his present location.

Peter Fisher has been "saying nothing but sawing wood" just the same, all the time the other fellows have been showing new seedling pinks. He now suddenly crops out with half a dozen enormous blooms of different colors, which are surely on a par with anything yet seen. It looks as if there might be another banker's wife among them.

The most important item connected with a very recent visit of John May, of Summit, N. J., is his purchase of R. Montgomery's new rose, Mrs. Oliver Ames. Substantial compliments from good authority!

A ton of tobacco stems in W. J. Dana's new boiler house got on fire recently and the building was quite badly damaged before the fire department arrived. Mr. Dana went into the room to break the water gauge glass, which prevented the spread of the flames, but gave the dense smoke an opportunity to almost overcome him.

Thomas W. Lawson persists in posing as a good angel to the floral profession. This time he buys a rocky farm of Mr. McCarthy, so that the latter is said to have banked an $8,000 profit on it.

A new floral firm advertises to open on Bromfield street, opposite Rosenthal's. The sign reads: "Sheridan & Diehl."

Another new firm is Lawson & Taylor, who lately sold out in same business in Worcester, and came here, establishing themselves on Boylston street near its union with Mass. avenue.

Francis Quinlan, of Quinlan Bros., one of the leading floral firms of Lynn, is a candidate for alderman in his city. Good fellow, too.

J. S. Manter.

PHILADELPHIA.

The Market.

The cut flower market last week continued very active. Beauties of high grade advanced to $5 a dozen for local and $6 a dozen for select shipping orders. Liberty and Meteor sold well. The former is chiefly in the hands of the commission man. Many of the growers who sell their stock themselves have a hundred or two plants, but not enough to count as a factor in the market. Brides and Maids were plentiful and remained firm. Kaiserins are becoming scarcer.

Carnations stiffened in price. Anything will bring $2 a hundred, choice stock $3 and $4 a hundred. Violets sold well, doubles at $1.50 a hundred and singles about half that price. Chrysanthemums appeared to have taken a new lease of life; there were more offered

TO THE TRADE:

Having decided to discontinue the city salesroom of the Hinsdale Rose Co., we would ask our present and past customers to forward their orders for what is needed in the line of CUT FLOWERS, GREENS, Etc., to

E. H. HUNT, 76-78 Wabash Ave.,

to whom the Hinsdale Rose Co. will in future consign its product.

A. G. PRINCE & CO.

CHICAGO.

Mention The Review when you write.

than ever before in early December. Good stock brought $3 a dozen, and very ordinary brought $1 to $1.50 a dozen readily. Valley was in brisk demand at $3 and $4, and even $5 a hundred for specials.

Foliage plants were in brisk demand. Some extra fine stock in medium sizes is seen. A few good chrysanthemums in pots are still in the stores and a great many choice flowering plants of other kinds are expected before Christmas.

Various Items.

Among the principal events of the week was a dinner given on Monday evening at the Bellevue to the Peace Commissioners. The decorations were very handsome, including, we are told, a great bank of Beauties covering one entire side of the dining room, and, of course, a choice display of pink carnations, the latter on and over the table.

The club meeting on the following evening, Tuesday, suffered somewhat from the heavy rains in point of attendance. The features of the evening were the paper prepared by Albert M. Herr on carnations, and the exhibition of flowers, which included vases of the new roses Queen of Edgely and Robert Scott.

The bowling team won a good fight with the Pennsylvania Bicycle Club.

A Visit to Wyncote.

Joseph Heacock has a really wonderful place at Wyncote, Pa. It is already third in point of size and is the equal of any greenhouse plant in or near this city in its appointments. The situation is ideal, the houses being on the side of a hill which rises gently to the north, keeping off the cold winds of winter and giving the sun full play. There are ten houses of Beauties, with walks around the outside, three houses each of Brides and Maids, and one house of Meteors, the latter in grand shape; these seven houses still have side benches.

There are three mammoth houses of kentias and arecas and a number of small north side houses with smaller sizes of the same varieties, also, with cocos and latanias. The specimen palms from 6 to 12 feet high have all gone, their places being filled by the quicker selling sizes, in from 6 to 8-inch pots. There are also two houses of carnations and a small one partly filled with Cypripedium insigne. The grafted roses and Adiantum cuneatum have disappeared.

The place impressed me especially by its general air of thrift and neatness. The houses are well built and in good condition, the plants clean and vigorous; there was evidence of system and judgment manifest in every detail. PHIL.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

THE BEST THING in the world to give yourself for Christmas is a copy of our $5.00 Florists' Manual.

THE FLORISTS' MANUAL.

For the man who grows and retails his own stock the Florists' Manual by Wm. Scott is invaluable. I would not be without it. Chicago. Jos. Reeve.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—64 sashes, 3 feet by 6 feet, 7-in. by 9-in. glass, good for frames making a house 10 feet by 100 feet; $45.00 for the lot. John Reck, Bridgeport, Conn.

SITUATION WANTED—Young man, age 22, wants situation with English or Scotch florist, at store or greenhouse work; good salesman and designer; best of references; moderate wages. Address A. Y., care of Florists' Review.

SITUATION WANTED—By an all-round grower of roses, carnations and violets; competent to take charge; state wages and full particulars. Address C. A. L., 909 S. Laurel St., Richmond, Va.

FOR SALE—One Wilks hot water heater as good a new. M. & S. Dysinger, Albion, Mich.

WANTED—Catalogue and price list from firms dealing in florist goods at reasonable prices only. C. J. Housk, 105 Croton Street, Cleveland, Ohio.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

BUY YOUR FLOWERS
DIRECT FROM THE GROWERS
BASSETT & WASHBURN,
GROWERS OF EXTRA CHOICE
Beauties, Tea Roses, Fancy Carnations,
Bulb Stock, Asparagus Sprengeri, Smilax.
Send us your name to be placed on our mailing list and we will send you a copy of our FLORISTS' PRICE LIST EVERY ISSUE.
Store: 76 Wabash Ave., CHICAGO, ILL. BASSETT & WASHBURN, Greenhouses, HINSDALE, ILL.
Mention The Review when you write.

LIFE OF BOILER AND PIPES.

In answer to J. M.'s inquiry: The life of a cast iron heating boiler depends very largely upon the care and conditions under which it is run. The average life is about ten years, although I know of many which are still in use after fifteen years' continuous use, and others which have given out after five or six years' life.

A cast iron boiler should have the flues kept thoroughly clean, especially during the summer, when not in use; the ashes and cinders should be removed from the fire box and ash pit, the entire inside of the fire box and flues swabbed over with crude oil, the smoke pipe taken down and all fire and clean-out doors left open so as to allow of a free circulation of air to all parts; if these precautions are taken you may safely rely on getting twelve or fourteen years' use from your boiler.

The life of the cast iron heating pipes is very long. I have never seen any which have worn out in active service. The life of the wrought iron pipes is like the life of the boilers, dependent upon the conditions of use. In a house having fair drainage and with an occasional light coat of paint they will last for very many years, but if the ground in the house is always wet and the pipes never painted they will give out in five or six years.

Henry W. Gibbons.

New York.

Greenfield, O.—Theodore Miller, formerly of Chillicothe, O., has purchased the greenhouse establishment of Charles Pommert, here, and will take full possession January 1. The place contains about 5,000 feet of glass. Mr. Pommert will go to Florida and engage in business there. Mr. Miller has had twenty-three years' experience in the business, the last nine years with his late father-in-law, William McKellar, Chillicothe.

Malta, O.—W. C. Scovell added 50 per cent to his greenhouse capacity this season and is planning to double it next season. His trade is steadily increasing.

WE have a surplus of the following early stock and until present supply is exhausted will sell at special low prices. Order at once if you can use

Peristrophe Angustifolia, 2 inch pots, $2.50 per 100.

Achyranthes Lindeni and Cussii, 2½ in. pots, $3.00 per 100.

Coleus, Black Bird, Albert Victor, Prince Albert Edward, Ebert, Jacob Schultz, Evin, Mrs. Sanders, Favorite, Mrs. Hoyt, Tapestry, Mrs. Hays, Setting Sun, South Park Beauty, Verschaffeltii and others, all good bedding sorts, 2½ inch pots, $2.50 per 100.

Clerodendron Balfourii, 3 inch pots, $8.00 per 100.

Areca Lutescens, 3 inch pots, fine, $12.00 per 100.

Lantanas, red and white; 2½ inch pots, $3.00 per 100.

Cuphea Platycentra, 2 inch pots, $3.00 per 100.

Heliotropes, 2½ inch pots. The Czar, $3.00 per 100; Louis Napoleon, $3.00 per 100; Mme. Blonay, $4.00 per 100; Le Poitevine, $4.00 per 100; Le Cid, $4.00 per 100; Violet Queen, $3.00 per 100.

Mesembryanthemum Roseum, 2½ inch pots, fine, $4.00 per 100.

Bougainvillea Glabra Sanderiana, extra fine plants, 4 inch pots, $2.50 per dozen; 5 inch pots, $3.00 per dozen.

Moonvines, 2½ inch pots, $3.00 per 100.

Ageratum, Stella Gurney, $4.00 per 100; Princess Pauline, $3.00 per 100.

Salvia, scarlet sage, best sort, 2½ inch pots, $3.00 per 100.

Asparagus Sprengeri, 3 inch pots, $5.00 per 100; 4 inch pots, $10.00 per 100.

Dracaena Sanderiana, 2½ inch pots, tip cuttings, $8.00 per 100.

MICHEL PLANT AND BULB CO.,
Magnolia and Tower Grove Ave.,
ST. LOUIS, MO.
Mention The Review when you write.

PALMS and FERNS
Home Grown, Fine Clean Stock; Grown Cool.
J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.
SEND FOR PRICE LIST.
Mention The Review when you write.

PELARGONIUMS.
Rooted Cuttings, good varieties, named, $2.00 per 100; Heliotrope R. C., 14 varieties, $1.00 per 100, $8.00 per 1000, Petunias, dble., good varieties, $1.25 per 100; Giant Alyssum, $1.00 per 100. Verbena R. C., 35 varieties, 60c per 100; $5.00 per 1000. Coleus R. C., 30 varieties, 60c per 100; $5.00 per 1000. Satisfaction guaranteed. Cash with order. Express prepaid on all R. C., except Pelargoniums. Write
S. D. BRANT, - CLAY CENTER, KAN.
Mention The Review when you write.

A. L. RANDALL

4 Washington St.....Chicago

....WHOLESALE....

Remember our Valley—none better —home grown.

Give us Your Orders.

CUT FLOWERS

Write for Special Quotations on Large Orders.

XMAS PRICE LIST.

Effect December 22. PER HUNDRED.

American Beauties, long	$75.00 to $100.00
" 24-in. long	50.00
" 15-in. long	30.00
" 10-in. long	20.00
Maids, Brides, Meteors	12.00 to 15.00
Perles	8.00 to 10.00
Carnations, long	2.50 to 4.00
" fancy Cranes	6.00
Valley, homegrown, long stems,	4.00 to 5.00
Romans Narcissus	3.00 to 4.00
Adiantum, Stevia	.75 to 1.50
Mignonette, Heliotrope	2.00 to 3.00
Violets	1.50 to 2.00
Violets, fancy	2 50
Smilax, fine	12.00 to 15.00
Common Ferns, per 1000	2.00
Poinsettias, fine	20.00 to 35.00
Asparagus Spreugeri	50c per doz.
Asparagus Plumosus	$6.00 "

Mention The Review when you write.

ORANGE, N. J.

The regular monthly meeting and annual election of officers was held December 5. No topic was furnished by the essay committee and only one question in question box, showing a decline in interest in these features. The question was: "Is mushroom spawn affected by change of climate or exposure to damp before use?" The election resulted as follows: President, John Hayes; vice president, Dietrick Kindsgrab; secretary, Geo. Smith; treasurer, Malcolm Mac Rorie. The last two named were re-elected. All are private gardeners. J. B. D.

JOPLIN, MO.—T. J. Noll has opened a new floral store down town.

NEW HAMPTON, IA.—E. J. Springer has made additions to his glass and now has his place in fine shape.

MINNEAPOLIS, MINN.—Fire did damage to the amount of $5,000 to the greenhouses and contents at the establishment of R. J. Mendenhall Nov. 21.

ROCHESTER, N. Y.—Briggs Bros. & Co. have been incorporated with a capital stock of $25,000. The directors are H. B. Hathaway, H. E. Stockbridge and W. S. Briggs.

PORT RICHMOND, S. I.—Joseph Simonson, the well known florist and ex-county clerk of Richmond county, has opened a fine florists' store here and is doing a good business.

BANGOR, ME.—The second annual flower festival was recently held in a local church. The display was elaborate. The decorations were by Carl Beers, the florist, and were much praised by the local press.

CHILLICOTHE, O.—Mr. Louis J. Elsass has taken possession of the greenhouses of the late Wm. McKellar and will continue the business. He will be assisted by Mr. George Ede, who has been in charge for some months.

Burpee's Seeds Grow

Headquarters for CHRISTMAS GOODS.

Holly, XXX per case.	$5.00
" 10 case lots or more "	4.50
" best quality "	4.00
" " 10 case lots or more "	3.50
Laurel per 100 yds.,	5.00
" per 1000 yds.,	40.00
Ground Pine Roping per 100 yds.,	6.00
Holly Wreaths, single per 100,	10.00
" " double "	15.00
Mistletoe, small boxes,	$1.50 to 2.00
Colored Capes per pound,	1.50
White Capes per pound, 75c and	1.00
Colored Grasses " $1.00 and	2.00
Wild Smilax large case.	5.50
" small case,	3.00
Immortelles per doz. bunches,	3.00
" per 100 bunches,	22.00

WM. F. KASTING,

481 Washington St.,

BUFFALO, N. Y.

Mention The Review when you write.

LINCOLN, NEB.—The annual meeting of the Nebraska State Horticultural Society will be held here Jan. 15 to 17.

Always mention the Florists' Review when writing advertisers.

TERRE HAUTE, IND.—Fred Heinl will in the spring erect a store building and conservatory at the corner of Seventh and Walnut streets. Mr. John G. Heinl will retire from active business for a few years at least and will make his headquarters at his son's place of business.

WE ARE GROWING FOLLOWING **ROSES**

Meteors, Brides, Maids, K. A. Vic., Perles, Beauties, Golden Gate, La France, Belle Siebrecht, Pres. Carnot.

Rooted Cuttings now ready. Write us.

GEO. A. KUHL, - PEKIN, ILL.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

Mention The Review when you write.

NEW YORK.

Club Meeting.

The Florists' Club held their regular monthly meeting on Monday night last and elected the following to serve as officers of the club for the ensuing year: President, Walter F. Sheridan; vice president, Alexander Wallace; treasurer, Charles B. Weathered; secretary, John Young; and for trusteeship, W. H. Siebrecht, Frank Traendly and W. Burnham. The usual calls for speeches were made and responded to by the officers-elect, each assuring the meeting that their best efforts and fidelity would be devoted to the club's interests.

It is, we feel, quite unnecessary for us to write of the president-elect of the club, for he is widely known and known, too, for his sterling qualities. Under his guidance the club is sure to accomplish much in the furtherance of floriculture.

It was decided to hold a flower show in the Madison Square Garden the week commencing Oct. 21 next year. The arrangements made with the Garden company were very satisfactory. The club is to furnish the prizes, the company attends to the advertising, etc. Immediate steps were taken to commence preparation, and it was decided that a committee to be known as the exhibition committee be formed and that a ways and means committee be appointed to get in touch with all the necessaries for a grand show. Mr. Herrington hoped that the schedule would be out by March in order to have some things specially grown. He promised to lay the matter before the Chrysanthemum Society of America, and felt sure that body would do all it could to make the show a success. Mr. Herrington was delegated to represent the club at the Chrysanthemum Society's meeting. Mr. Withers spoke for the American Dahlia Society, offering to do all he could to have that society become interested, and he was forthwith appointed to represent the club at the Dahlia Society's meeting. Wm. Bartholomae promised to bring the matter before the New York Gardener's Society. Frank Traendly was deputed to make arrangements for a bowling tournament, to be held during the week of the show. W. J. Stewart said that he was confident that the Society of American Florists would do what it could to help the club, and he had no doubt but that several medals would be offered by the society. Mr. Stewart was appointed to represent the club in the matter.

Open weather prevails, and nurserymen report splendid trade. The cut flower business is dull, prices in many cases were never lower at this time of the year. All expect a good Christmas, and we hope there will be none disappointed. J. I. D.

Good employes are hard to find and not easy to grow. Encourage some one of yours by making him or her a present for Christmas of our $5.00 copy of "The Florists' Manual."

SOUTH HAVEN, MICH.—The legal complications regarding the estate of the late T. T. Lyon have been removed and the State Horticultural Society comes into possession of the land bequeathed to it by Mr. Lyon. It will be continued as an experiment station by the society.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
...YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS

A. H. POEHLMANN,
Wholesale grower of and dealer in
CUT FLOWERS.
55 and 57 Wabash Ave., CHICAGO, ILL.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1402 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St.,

CHICAGO.

ROSES...

CARNATIONS

...VIOLETS

ALL FLOWERS IN SEASON AT MARKET RATES.

Common Ferns, selected	per 1000,	1.50
Smilax	per doz., $1.25 to	1.75
Asparagus	" 6.00 to	7.00
Leucothoe Sprays	per 100, 75c to	1.00
Galax, Green	per 1000,	1.50

Our.... CHRISTMAS PRICES will appear Next Week.

Mahonia Leaves,
Per 100, $1.00

A WORD to GROWERS of CARNATIONS:

We have sold the cut of **IRENE** a pink carnation, and consider it one of the best commercial sorts we have ever handled.

WE ARE NOW BOOKING ORDERS for CUTTINGS.

PLACE YOUR ORDERS NOW.

$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

Mention The Review when you write.

CUT FLOWERS for the HOLIDAYS.

A full assortment of everything in season.

FIRST CLASS QUALITY AND AT REASONABLE PRICES.

Write us for Price-List.

BENTHEY & CO.

41 Randolph Street, - - CHICAGO.

Mention The Review when you write

CULINARY TOPICS

the new household magazine, offers in its first number $335 in prizes for the best letter on the subject of

"Why Dinner Tables Should be Decorated with Flowers."

It also contains an article on "Flowers in the Dining Room," which is calculated to make householders and housewives patronize the florists more. Similar articles from the pens of leading writers on household subjects will be published throughout the year. These articles will be sure to benefit the florists business.

You should read these essays and try to make others read them, because of this self-evident fact. If you mail or hand copies of the magazines containing these articles to present or prospective customers, with your card, it would be sure to prove effective and welcome advertising.

A single copy costs 10 cents; a yearly subscription $1.00; 100 copies, $10.00, which would be a very appropriate Christmas gift to your patrons.

CULINARY TOPICS CO., 14 Oliver St., BOSTON, MASS.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

BRANT & NOE, 124-128 Sixth Street N.

Mention The Review when you write.

LAUREL FESTOONING Best in the market.

5c to 6c per yard.

CROWL FERN CO., Telegraph Office, New Salem, Mass. P. O., MILLINGTON, MASS.

Mention The Review when you write.

Boston Ferns TRUE TO NAME.

Small plants from bench,	$1.00 per 100.
7,000 2-in.	2.00 "
4,000 3-in.	4.00 "

Let us grow your large ferns for next summer and fall delivery. Our prices are surprisingly low. Write us. **DAVIS BROS., Morrison, Ill.**

Mention The Review when you write.

500,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

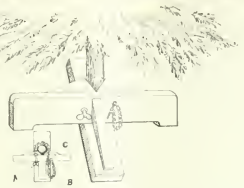
Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

ROSES for Spring Blooming—The proper sorts—Clothilde Soupert, Gen'l Jacqueminot, La France, Coquette des Blanches, Coquette des Alps, etc., fine one and two year field-grown plants that have never been forced, suitable for 5 in. pots, at 8c. Also some extra strong suitable for 6 or 8-in. pots, at 9c. Large flowered Clematis for forcing, Purple, White and Lavender sorts, from 5-in. pots, 18c. Also some one year field-grown at a low figure. Clematis Paniculata, fine three year plants, 10c; fine two year, 8c. Packing free for cash. Have also some second hand 3 and 4 in. pipe to offer cheap.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.



PATENT APPLIED FOR.

The Bursch Adjustable Christmas Tree Stand. FITS ANY TREE.

This is the only practical Tree Stand on the market that sells at a price within the reach of everybody. The stand has an 18-inch base and is painted green.

Price, each, 25c.;
per doz., $2.50; 10 doz. lots, per doz., $2.25.

McKELLAR

45-47-49 Wat

Headquarters for Xmas

PLACE YOUR ORDERS WITH U

WE HANDLE A COMPLETE LINE OF ALL

CUT FLOWERS AND SUPPLIES.

Fresh Stock of the following just received:

IMMORTELLES.

Large Bunches, Fancy Colored, Scarlet, Purple, Blue, Green, Pink, White.
Per bunch, 25c.....per doz., $2.50
Yellow (natural color) per bunch, 20c.; per doz., 2.25

CAPE FLOWERS. Red, Pink, Blue, Lavender, Purple, Yellow, Green.

Colored.....per lb., $1.50; white, per lb., $1.00

GREEN SHEET MOSS.

Per large bag.....$2.50

FRENCH GREEN MOSS.

Imported.
Large packages, per pkg., 10c.....per doz., $1.00

RATTAN. For Winding Holly and Green Wreaths.

Per lb. 20c.....10 lbs., $1.85
Original bundle, 55 lbs.....8.25

PAMPAS PLUMES. Select Stock.

White, per doz., 50c.....per 100, $3.50
Colored, " $1.00.....7.00

CYCAS LEAVES, Preserved.

Fine Stock.

24 to 30-inch	per doz.,	$2.00
30 to 36-inch	"	2.50
36 to 40-inch	"	3.00
40 to 44-inch	"	4.00

CHRISTMAS BELL FRAMES. For filling with Immortelles and Cape Flowers.

5-inch	per doz.,	$ .40
6-inch	"	.55
8-inch	"	.75

WIRE (Annealed).

No. 24, per lb.,	10c	per stone, $ .85
No. 26,	12c	" .95
No. 36,	20c	" 1.75

WIRE RINGS. To Wind Wreaths on.

10-inch	per 100, $ .40	Per 1000,	$3.50
12-inch	" .50	"	4.50
14-inch	" .60	"	5.50

We Handle Everything for Florists

Cut Flower Prices for Xmas. To Take Effect Wednesday, Dec. 19.

Our regular customers will be protected. Advance orders will be given preference. Prices quoted are for A1 stock. Ordinary and inferior grades according to value. All stock in season can be had from us on due notice. Excepting where quoted prices will govern all stock will be billed at market rates on day of shipment. Your order solicited.

Roses, Am. Beauties, select, per doz.		12.00
" " medium, "		7.50 to $9.00
" " short, "		3.00 to 5.00
" Meteors, Liberty	per 100,	15.00 to 18.00
" Bridesmaid	"	12.00 to 15.00
" Brides	"	10.00 to 12.00
" Perles	"	8.00 to 10.00
" Our selection	"	8.00 to 10.00
" Good seconds	"	.50
Carnations, extra select, fancy	"	6.00 to 8.00
" extra select	"	5.00
" our selection	"	3.00 to 4.00
Chrysanthemums, ext. select, per doz.		4.00
" good quality	"	2.50 to 3.00
" fair quality	"	1.50
Orchids, Cattleyas, select ....per doz.		9.00 to 10.00
" Cypripediums, select	"	2.50 to 3.00
" assorted sprays, etc., per box.		10.00 to 25.00
All Orchids very scarce.		

Violets, extra select, double.. per 100,		2.00 to 3.00
" single.....	"	1.50 to 2.00
Valley, extra select	"	5.00 to 6.00
Stevia	"	2.00
Bouvardia	"	3.00 to 5.00
Mignonette	"	3.00 to 8.00
Marguerites	"	.75 to 1.50
Paper Whites	"	4.00
Romans	"	4.00

DECORATIVE STOCK.

Ferns, Adiantum ..... per 100,	.75 to	1.25
" common fancy ..... "		.25
..... per 1000,		2.00
Ivy Leaves, fancy .....per 100, 50c	"	4.00
Galax Leaves, fancy..... " 15c	"	1.25
Leucothoe Sprays ..... " $1.00	"	7.50
Smilax, extra select..... per doz. 2.00		
choice ordinary.....	1.25 to	1.50
Asparagus Plumosus, select strings, per doz.	7.50 to	10.00
Asparagus Plumosus, sprays, per bunch, 50c to		75c
Asparagus Sprengeri ..... per doz., 25c to		50c
Wild Smilax, No. 1 contains 15 lbs., per case,		2.00
" No. 2 " 20 lbs., "		2.50
" No. 3 " 25 lbs., "		3.00
" No. 4 " 35 lbs., "		4.00
" No. 5 " 40 lbs., "		5.00
" No. 6 " 50 lbs., "		6.00

Prices subject to change without notice.

POINSETTIAS FOR XMAS.

Extra select, longest stems, largest flowers ..... per doz.,		$5.00
Extra select, fancy stock ...	$3.00 to	4.00
Good grade	"	2.50
Select, fancy stock ..... per 100,		25.00

Order now and secure finest stock at right prices. You cannot afford to be without Poinsettias for Xmas trade.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

JARDINIERES. Send us your orders. Great variety at low prices. Assortments, $5.00 per doz., up.

McKELLAR
UP-TO-DA

Lycopodium or

Bouquet Green
pared with the jo
per 100 yds., $4.00.

FLORISTS'

Some of the colors
Meteor, Holly-Berry
low, Orange, Lilac,
leading colors. Send u
Ribbon for less than 20 p

No. 2 No. 5 No. 7 No
25c 45c 60c 7

The pr

WINTERSON

Ave., CHICAGO.

Holiday Decorative Stock.

W FOR ALL CHRISTMAS GOODS.

Metal Wreaths. We have a large stock of Metal Wreaths in great variety and are closing out at low prices. Assortments from $5.00 up.

We control the entire crop of some of the largest shippers of **Holly, Green, Mistletoe, Etc.,** in the country, and are in a position to offer our customers the best that the market affords, at the lowest prices. Parties intrusting their advance orders with us will be protected both on quality of goods and prices. We will guarantee to meet the prices of any reputable house.

Select Delaware Holly We can supply Holly in short branches for making wreaths, or in long branches for selling loose. Our cases are all well filled, stock well berried. Per case, $4.50. 5 cases for $20.00. 10 cases for $37.50. Write for quotations on larger quantities and car load lots.

Best Quality Southern Holly For decorative work and ordinary use this Holly will be found very desirable and a big money saver. Per case, $4.00. 5 cases for $17.50. 10 cases for $30.00. Write for quotations on larger quantities and car load lots.

Best Made Holly Wreaths Our Wreaths are all made by experts and of selected Holly. Wreaths for special occasions made to order.
10-in., per doz., $1.00; per 100, $8.00 12-in., per doz., $1.50; per 100, $10.00.
14-in., per doz., $2.00; per 100, $15.00.

Select Mistletoe Carefully packed. By express only. Mistletoe being a very delicate article, our responsibility ceases after delivery to Express Company.
Per lb., 20c.; per 10 lbs., $1.80; per barrel (about 25 lbs.), $4.00

Best Green Wreaths Larger wreaths for special occasions made to order.

10-inch, per dozen,	$1.00	Per 100,	$ 8.00
12-inch, "	1.50	"	10.00
14-inch, "	2.00	"	15.00

INTERSON'S MAS GOODS

Green Indications are that there is going to be a great scarcity of this icle. Write or telegraph us for prices.

ng Our Wreathing is all made by experienced green-winders, and cannot be ally offered by others. Medium Wreathing, ject to change.

ONS. ORDER NOW FOR CHRISTMAS.

e: **American Beauty, Bridesmaid, White, Cream, Purple, Green, Yellet, Black,** and all the different shades of now. You cannot duplicate this quality of prices elsewhere.

. 16	No. 22	No. 30	No. 40	No. 60
.10	$1.30	$1.65	$1.75	$2.00

are for ten-yard bolts.

Christmas Trees We can furnish Xmas Trees in all sizes, from the smallest to largest Church Trees. Prices range from $10 to $50 per 100. Special large trees from $3 to $5 each.

Southern Needle Pines

Per dozen, $1.50 to $3.00.
Per 100, $10.00 to $20.00, according to size.

Palmetto Leaves, Palm Crowns, Ilex-Red Berry Branches

and all such stock at bottom prices.

SEND US YOUR ORDERS.

Holly Wreaths. Our Holly Wreaths are all well made and are sold at reasonable prices.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

WASHINGTON.

Business the past week has been very good, the coming in of congress bringing lots of trade. From the appearance of the Capitol on Monday last, it looked like a congress of flowers. Everywhere you looked were flowers and flowers. Some baskets were seven feet across, that of Mark Hanna's being made entirely of Beauties. In fact every desk was literally piled up with basket bouquets. There were lots of boxes of flowers sent also.

The coming out of several society young ladies last week caused an unusual rush for pink stuff as well as Beauties.

All up-town stores did a land office business last week; some stores could be seen open until midnight.

Prices: In roses, Beauties go fine at $6 per doz. and smaller sizes at $3 to $4 per doz.; Brides and Maids are coming in very fine and bring 6 to 12 cents; La France, Meteor and Golden Gate, from 6 to 10 cents. Carnations are coming in rather slow, but quality fairly good and go well at 2 cents, some fancy grades as high as 3 cents. Chrysanthemums are pretty well cut out for the season, yet some late varieties are still lingering on and go at $2 to $3 per doz. Violets seem very plentiful and cards can be seen in windows offering them at 25 cents per bunch of 50, although this is mostly shipped stuff, homegrown violets bringing $1 per 100. Romans and paper whites can be gotten in large quantities at from 2 to 3 cents.

Robt. Lacey has opened his new store at 507 F street and is doing a nice business.

Litzinger & Wach are receiving some fine shipments of violets and fancy carnations.

F. N. Bolgiano has completed his new conservatory in the rear of his store and reports business good.

Mr. Kennedy is another on our list of stores on 14th street.

N. Studer has leased a building on 12th street, which he is remodeling for a store, which will be finished by Christmas. Who is next?

Visitors the past week were: Mr. Kilian of Chicas & Boddington; O. A. C. Oehmler of Aldred & Co., New York; E. T. Harding of American Paper Box Co.; Paul Berkowitz of Bayersdorfer & Co.

F. H. Kramer.

PEORIA, ILL.

Thanksgiving trade was excellent, and business has been good since. Stock of all kinds is scarce, the result of the dark, cloudy weather. The McDougal-Jack wedding was a grand affair. The church was handsomely decorated with palms, festooning, smilax and holly. Holiday prospects are first-class. Artur.

Lorain, O.—M. Wilhelmy, aged 20 years, a son of M. A. Wilhelmy, of Cleveland, died here Dec. 2.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

CUT FLOWER EXCHANGE,

404-412 East 34th Street, NEW YORK.

Open for Business Every Morning at 6 O'clock.

We do no Shipping Business.

SPECIAL SALE OF CHRYSANTHEMUM STOCK PLANTS.

To Close Out At Once we will make a reduction of 10 per cent from the following prices for all orders received before January 1st, 1901.

Our stock plants are in fine condition, packed with care and we guarantee satisfaction.

Ivory, Fitzwygram, Robinson and 20 others, **5c** each.

Ferris, Iora, Constable, W. King and the early Yellow Fitzwygram, **10c** each.

Mrs. G. F. Baer, Mlle. L. Faure, Chadwick, **75c** each.

Shilowa and Xeno, **25c** each.

We will prepay express on orders amounting to $2.50 or over. Booking orders now for last year's Col. D. Appleton, Shilowa, Monrovia, Xeno, Gold Mine, Pluma and Superba at **$6 00** per 100. Orders filled in rotation as received

COTTAGE GREENHOUSES, LITCHFIELD, ILL.

Mention The Review when you write.

Hardy Pinks Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100

Primula Veris, 2-in. pots $2.00 per 100.

Also field-grown Hardy Herbaceous Plants.

CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 85 W. 12th St., HOLLAND, MICH.

Mention The Review when you write.

FANCY DAGGER

HARDY CUT FERNS

In 1000 lots, $1.00 per M. Discount on larger orders. Also dealer in **Sphagnum Moss, Bouquet Green, Christmas Trees, etc., etc.**

L. B. BRAGUE, Hinsdale, Mass.

Mention The Review when you write.

VEGETABLE PLANTS.

CABBAGE. H. Succession, Jersey and Chas. Wakefield, Flat Dutch, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

LETTUCE. Grand Rapids, Curled Simpson, Boston Market and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000.

PARSLEY. Good Curled, extra strong, 25c per 100, $1.50 per 1000.

CAULIFLOWER. H. Snowball, 35c per 100; $2.50 per 1000. (If wanted by mail add 10c per 100 on Cabbage, Lettuce and Cauliflower; 25c per 100 on Parsley.) Cash with order.

R. Vincent, Jr. & Son, White Marsh, Maryland.

Mention The Review when you write.

The Largest Growers of Cut Flowers in America.

WIETOR BROS.

51 Wabash Ave., CHICAGO, ILL.

Growing more plants of AMERICAN BEAUTY than any other establishment in the whole world we are in a position to fill orders at all times. Call on us for your supplies of

Flowers for Christmas.

ROSES and CARNATIONS.....Our Specialties.

Christmas Price List.

American Beauty		
Extra long stem	per doz.,	$12 00
30-inch "	"	10.00
24-inch "	"	8.00
20-inch "	"	6.00
15-inch "	"	4.00
12-inch "	"	3.00
8 inch	"	2.00
Meteor	per 100,	$12.00 to 15.00
Bridesmaid	"	12.00 " 15.00
Bride	"	12.00 " 15.00
Perle	"	8.00 " 10.00
Carnations, good	per 100,	$4.00
" fancy	"	5.00

The above prices are for select stock. Inferior stock billed accordingly.

No charge for packing.

SUBJECT TO CHANGE WITHOUT NOTICE.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write.

Special Cash Sale.

	Per 100
2000 Chinese Primrose, 2-in. pots,	$1.00
1000 Cineraria, "	2.00
1000 Asparagus Sprengeri, "	2.00
100 Obconica Primrose,	2 00
10,000 Geraniums, my selection,	3.00

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

4,500 2-Year-Old-Roses

WHO WANTS THEM at **5c** each. **$5.00** per 100, **$45.00** per 1000? Marechal Niel, Kaiserin, La France, White La France, Roger Lambelin, Duchess of Albany, Brides, Maids, Robt. Garrett and many others. A discount on all orders of 500 plants or more. Send 50c or **$1.00** for samples. Best of references. Cash with order.

JOS. LAIHR & SON,
Wholesale Florists. Box 280 Springfield, Ohio.

Always mention the Florists' Review when writing advertisers.

WHERE TO BUY HOLLY

Place your order with PULLEN. Place it now for the very best grade of bright green foliage, well berried, fresh from the swamps.

HOLLY WREATHS. Only first-class materials used—fresh green leaves plentifully clustered with berries. In ordering be sure and state sizes wanted and number of berry clusters desired on each. Goods shipped at proper time or on your order, carefully packed. Prices are most reasonably low.

NURSERY STOCK. All varieties of fruit—Peach, Pear, Apple, Plum, Cherry, Apricot, Quince—every one warranted true to name. Have an extra fine block of Japanese Plum.

PLANTS. Can furnish anything you wish in plants.

☞**GOODS ARE THE BEST. PRICES ARE LOW.**

Write for Particulars. **W. W. PULLEN, Nurseryman and Fruit Grower, MILFORD, Del.**

Mention The Review when you write.

NOTICE!

TO WHOM IT MAY CONCERN.
Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $85.00 per 1000; $7.00 per 100.

" for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**

Mention The Review when you write.

HEACOCK'S PREMIUM PALMS

CERTIFICATE OF MERIT FOR CULTURE, PENNA. HORT. SOCIETY, MARCH, 1900.
CERTIFICATE OF MERIT FOR CULTURE, PENNA. HORT. SOCIETY, NOVEMBER, 1900.

ONLY THE BEST GROWN IN THE BEST MANNER

IMMENSE STOCK free from INSECTS and DISEASE and in the BEST POSSIBLE CONDITION. Send in your CHRISTMAS ORDER at Once and Avoid the RUSH and DISAPPOINTMENT of Late Orders.

ARECA LUTESCENS.

3 plants, 6 inch pot, 24 to 28 inches, $12.00 Per dozen; $100.00 per 100.
3 plants, 8 in pot, 36 inch fine, $3.00 each.

COCOS WEDDELIANA.

1 plant, 3 inch pot, 12 inches high, $25.00 per 100.
3 plants, 5 inch pot, 18 inches high, $1.00 each; $100.00 per 100.

KENTIA BELMOREANA.

4 in. pot,	5 to 6 lvs,	15 in. high, $4.50 per doz.;	$35.00 per 100
6 "	6 lvs,	24 in. high, 15.00 "	125.00 "
8 "	6 to 7 lvs,	30 to 32 in. high	3.00 each

KENTIA FORSTERIANA.

4 in. pot,	4 to 5 lvs,	15 in. high, $4.50 per doz.,	$35.00 per 100
6 "	5 lvs,	24 to 28 in. high, 1.00 each	12.00 per doz
6 "	5 to 6 lvs,	30 in. high, 1.25 "	15.00 "
8 "	6 lvs,	36 to 40 in high, 3.00 "	36.00 "

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

INDIANAPOLIS, IND.

Various Items.

Trade has been some better during the past week, and good quality stock finds ready sale owing partly to the let-up in 'mums and partly to better weather. There are few good 'mums around, and it seems as though everybody has suddenly discovered that they need a few, consequently they are bought up quickly.

The stores are displaying in their windows stock which is usually classed as Christmas stock. Poinsettias, Cyclamen and Gloire de Lorraine are now the choicest, and they are a relief after the long season of 'mums and nothing else to break the monotony.

A. Wiegand & Sons are very proud of their new store, which is certainly a fine one, and they usually have something nice in their windows. Brother George took an extensive trip around the east, and seems to have picked up some good ideas in window decorations.

Bertermann Bros. keep up a good show in their fine large window at all times.

During the past week one of our florists had an employee up in court for stealing flowers, and the judge instead of punishing the culprit acquitted him and rebuked the complainant for having had him arrested. This is certainly a strange kind of justice. We cannot understand why a man should be allowed to steal flowers from his employer any more than a clerk in a bank should be allowed to steal the money he handles for the bank.

On Tuesday Mr. Langstaff, our worthy vice president, entertained the florist club at his home. There were not as many present as were expected, but we had a fine time. Mrs. Langstaff knows how to get up a good supper, and Miss Langstaff, who is a celebrated singer, favored us with several selections. The singing alone was worth going many times as far to hear. Those who did not come certainly missed a treat.

A Trip to Richmond.

Last Sunday the writer took the train for Richmond, and when I say Richmond you will, no doubt, think of E. G. Hill and his many houses full of interesting new things. Of course, I went to see them, and found them in good shape. Here you can see all the good new and old carnations, chrysanthemums (if you come in season), geraniums and roses, and all kinds of other miscellaneous novelties.

Some of Mr. Hill's seedling roses are grand and will no doubt be heard from later. The No. 19 is certainly a grand thing, and one can almost imagine it taking the place of Beauty. They have been crossing our good bedding geraniums with the large English round-flowering varieties, and the result is marvelous—fine, large blooms on sunproof foliage.

The real object, florally, of my visit though, was the carnation Dorothy, at E. T. Graves'. I have been watching this carnation for over a year and I am convinced that it's going to be one of the coming pink carnations. You must see it for yourself to realize what a fine thing it is. There it stands, like a wheatfield, with stems over two feet long and as straight as a soldier. I have never seen such a heavy crop of buds and blooms anywhere at this time of the year. The bloom is best described as greatly improved Scott on a strong, wiry stem. The growth is more like Mrs. Joost, but it is stronger. The color is not quite my ideal for a pink, but they claim that it sells at top prices in the Chicago market. Even while I was there a telegram came from their commission man wanting several hundred more for a special order. We have long been ready for an improved Scott, and I believe here it is, but, of course, you must take into consideration that it is being grown by an expert carnation grower.

Their White Clouds are grand and, in fact, all their carnations show a high state of cultivation.

Mr. Charles Knopf is the grower in charge here. A. B.

The pointers on some one page of the Florists' Manual, by Wm. Scott, will save you the price of it.

SURPLUS STOCK--LESS THAN COST.

	Per 100	Per 1000
Dutch, Roman or Miniature **Hyacinths,** named	$1.60	$15.00
Narcissus, large, Von Sion, Poeticus Ornatum, Alba pleno odorata, Poeticus, Goldeo Sun, Jonquil Rugulosus, in equal proportions	.50	4.00
Tulips, single, Chrysolora, D. de Parme, Cottage Maid, Joost V. Vondel, La Reine, Montresor, Rosa Gris de Lue, Standard R. Silver, Yellow Prince	.65	6.00
Tulips, double, Duke of York, Gloria Solis, Imp. Rubrum, La Candeur, Rex Rubrorum, Rose Blanche, Tournesol, Parrots any one	.65	6.00
Mixed, all these single or double	.55	5.00
Lil. Longiflorum. LAST CHANCE. 5 x 7	1.50	12.00
7 x 9	2.75	25.00

25 at 100 rate; 250 at 1000 rate.

Send for our new list of Tuberous Rooted Begonias, Gloxinias, Gladioli for early forcing.

Tuberoses, The Pearl, 4 x 6, extra	.60	5.00
Japanese Fern Ball, 12, $4.00; 100, $30.00		

Address **H. H. BERGER & CO.,**
Est. 1878. **47 Barclay St., New York.**
Mention The Review when you write.

NOVELTIES FOR SPRING OF 1901.

CHRYSANTHEMUMS.

OUR INTRODUCTIONS.

IOLANTHA. An early incurved pink. Best yet produced.

OMEGA. Second early yellow of the V. Morel type.

MRS. ELMER D. SMITH. A closely incurved Japanese variety. An improvement on Mrs. Bonnaffon.

All of the above have been certificated by the C. S. A. Price 50c each; $5.00 per doz., $35.00 per 100. Ready April 1st, 1901.

EIGHT NEW POMPONS, possessing new forms and colors and including several light pinks that are very desirable.

ARGENTA, ZEROFF and ROSINA are our three **Mizpah Seedlings,** pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class.

PHALLENA (DOUBLE MIZPAH).

The above 25c each; $2.50 per doz.

Ready April 1st, 1901.

We are also booking orders for **TIMOTHY EATON,** the sensation of the season. 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1st, 1901.

We can furnish all novelties that will be disseminated the coming season at introducers' prices.

In **EUROPEAN NOVELTIES** we have the following to offer: Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Wellesley, Miss May Mauser, Mrs. Barkley, Mrs. Kitson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Anne Prevost, Sunset, Miss Alice Byron, Mlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone. Prices and descriptions on application.

TESTED NOVELTIES OF 1900.

From 2½-inch pots. Ready February 1st, 1901.

Gold Mine, Col. D. Appleton, Orizaba, 10c each; $8.00 per 100.

Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba, and **Walter Molatsch,** 10c each; $6.00 per 100.

Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose.

CARNATION NOVELTIES.

We are able to furnish any novelties not listed at introducers' prices and date of delivery.

PROSPERITY.

(Formerly known and exhibited as No. 696.)
Winner of many certificates.
$5.00 per doz.; $16.00 per 100.

GOV. ROOSEVELT.

Brilliant maroon. $2.50 per doz.; $12.00 per 100.

NORWAY.

Pure white. $1.50 per doz.; $10.00 per 100.

EGYPT.

Scarlet crimson. $1.50 per doz.; $10.00 per 100.

LORNA.

Pure white. Improved White Cloud.
$2.00 per doz.; $10.00 per 100.

MERMAID.

Salmon pink. $1.00 per doz.; $6.00 per 100.

We shall have a complete line of the recent introductions, including **Mrs. Lawson, Ethel Crocker, G. Lord, Morning Glory, The Marquis,** etc.

Also such standard sorts as: **Flora Hill, G. H. Crane, White Cloud, Gen. Maceo,** etc.

NEW CANNAS.

Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas **PENNSYLVANIA** and **MRS. KATE GRAY,** also the cream of **CROZY'S** most recent introductions, such as: **Countess de Breteuil, Mme. Louis Druz, Souv. de Mme. Nardy, Chas. Molin, J. Aymard, C. Drevet** and **Mme. Alfred Blanc.**

In standard varieties we have a large stock of the following and other favorites: **Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Egandale,** etc.

GERANIUMS
OF RECENT INTRODUCTION.

From 2½-inch pots. READY NOW.

Mme. LANDRY, semi-double Bruant, apricot salmon.

JEAN VIAUD, semi-double Bruant, beautiful shade of bright rose. A magnificent variety.

EMANUEL ARENE, rich scarlet with large pure white eye. Double.

RICHELIEU, double crimson. A grand acquisition. 15c each.

The above at $10.00 per 100.

We have many others of decided merit.

We also have a large stock of the best bedding varieties ready for immediate shipment.

Our **Preliminary List** is now ready and free to all applicants. It contains brief descriptions of the best **Novelties** offered in

CHRYSANTHEMUMS, CARNATIONS, CANNAS and GERANIUMS,

and all standard varieties of commercial value.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

Choicest Stock. LOWEST PRICES.

VERBENAS, 20th Century Collection now ready. The finest set of New Mammoth Verbenas in America. 25 grand sorts, strong 2-inch pot plants, $2.00 per 100; strong rooted cuttings, 60c per 100; $5.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit, strong 2½-inch, $1.50 per 100, (special).

GERANIUMS, strong 2-inch, mixed colors, $1.50 per 100. Strong R. C. of Bruanti and Heteranthe; best scarlet bedders and all colors mixed, $1.25 per 100; $10.00 per 1000, (special). Mme. Salerol, strong 2½-inch, $1.50 per 100; 2-inch, $1.25 per 100. Rose Geraniums, strong R. C., $1.00 per 100, (special).

NEW AGERATUMS, Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2½-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2½-in., ready for 3-inch, $2.00 per 100, (special).

ROSES, strong 2½-inch Brides and Maids, $2.00 per 100, (special).

NEW DBLE. FRINGED PETUNIAS. The set we are to send out this season is a record breaker. Strong R. C. ready Dec. 10th. Place your orders early for this collection.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Mention The Review when you write.

Having Secured

A large block of the stock of the Sensational New Chrysanthemum

TIMOTHY EATON

we are now ready to book orders for it for spring delivery. There is sure to be a big demand for it. **Everyone will want it.** In order to insure earliest deliveries, **order at once.** Orders filled strictly in rotation as received, beginning April 1, 1901.

50c each, $5 per doz., $30 per 100.

LAST SEASON WE SENT OUT

COL. D. APPLETON,

which has proved to be the finest Yellow Chrysanthemum ever introduced. We are now booking orders for this for spring delivery at **$8.00 per 100.** Let us book your order at once, while you have the matter in mind, for such quantity as you can use. Plants will be forwarded as soon as spring propagations are ready.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

PALMS...

and BOSTONS

WALTER RETZER & CO.

2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

PITTSBURG.

Various Notes.

Cut flower trade has been quite satisfactory with the retailer. Chrysanthemums are about done, and roses, carnations, etc., have their innings now.

J. B. Murdoch, on Smithfield street, has about as fine a flower store as one would care to see.

A. M. Murdoch, on Fifth avenue, seems to hold a select trade.

A. W. Smith, Sixth avenue, is doing quite a large business and has, with his roomy store, facilities to handle it.

Randolph & McClements are always busy with decorations. With their well appointed store right in the fashionable part of the city, their greenhouses connected with it, their many teams and fine vans, they are enabled to promptly fill all orders.

L. I. Neff, on Sixth street, who succeeded the B. A. Elliott Co., is, besides his cut flower trade, doing a big business in flower seeds, bulbs, etc.

The Ludwig firms in Allegheny Market always make a fine display, which is well worth a stranger's time to go and see, especially on Saturday. R. Faulk & Son, also do a good business in same market.

Breitenstein & Flemm, corner Market and Liberty streets, have built up quite a trade on extra fancy violets and American Beauties.

As $4 per 100 has been the price for the best violets for some time, it is no wonder that some of our growers are still trying to grow them, but apparently with no success.

The Pittsburg Cut Flower Co. seems to fill that long felt want for a good cut flower commission house in our city. Messrs. Clark and Langhans, secretary and treasurer respectively of the firm, are certainly doing all they can to please every one and handle the stock carefully. The latter is a big point, as it hurts a lover of flowers to see some one throw them about like old shoes, after the grower has done his best to bring them to perfection. By the way, I saw a box come in from one of our growers one day and watched it unpacked. On top was Asparagus plumosus in bunches and strings, under it a couple of hundred carnations and under these at the bottom of the box were the fancy roses, and you may know how they looked pressed flat with that weight on top of them.

I nearly forgot to mention genial Thos. Ulam with his cozy store on Fifth avenue, who is working hard and making money, apparently.

The weather seems to clear up now for Christmas. We had no sunshine all last week. Baer.

Both useful and handsome would be a copy of the Florists' Manual as a Christmas present.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

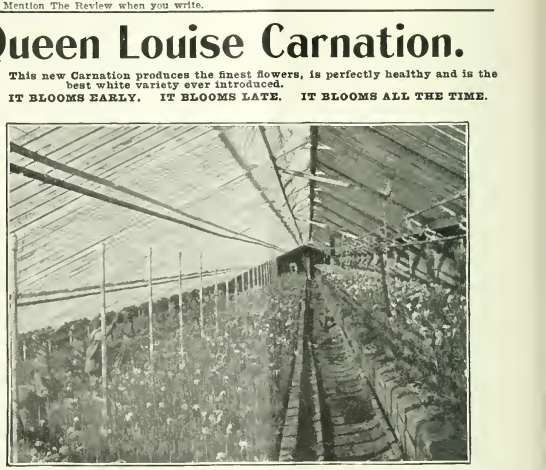
All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.



From photograph of Queen Louise.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. Price $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

Unrooted Carnation Cuttings.

	Per 100	Per 1000
Morning Glory, the coming Daybreak	$2.50	$20.00
Mrs. Bartlett (Dorner) scarlet	2.50	20.00
Genevieve Lord, light pink	1.50	10.00
E. Crocker, fine pink	1.75	12.50
Mrs. F. Joost, pink	.75	5.00
Glacier, white	1.00	7.50
Mary Wood, white	$1.00	$7.50
Gold Nugget, yellow	1.00	7.50
Gen. Maceo, maroon	1.50	12.50
Gen. Gomez, dark red	1.25	10.00
Morning Glory, Rooted Cuttings	5.00	40.00
G. H. Crane, scarlet "	2.25	20.00

25 Cuttings at 100 rates; 250 at 1000 rates.

PLANTS.

	Per 100		Per 100
10,000 Coleus, named varieties, 2¼-in	$1.50	3,000 Cedum Variegatum, 2¼-in	$1.50
20,000 Alternantheras, red and pink, 2¼-in	1.50	5,000 Cigar Plants, 2¼-in	1.50
1,000 Salvias, 2¼-in	1.50	1,000 Asparagus Plumosus Nanus, 3-in	5.00
1,000 True Boston Ferns, 3-in	$5.00 per 100		

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

SURPLUS STOCK - MUST HAVE ROOM.

THIS OFFER FOR ONE WEEK ONLY.

Baby Primrose	(in flats) at $2.00 per 100.		**Vinca Variegated**	2¼-in., at $2.50 per 100	
" "	2-inch, at 3.00 "		" "	3-in at 4.00 "	
" "	2¼-inch, at 4.00 "		" "	3½-in at 8.00 "	
			" "	4-in at 10.00 "	
			" "	5-in at 15.00 "	
			" "	Rooted Cuttings, at $10.00 per 1000; $1.25 per 100.	

Send for list and prices of Plants and Rooted Cuttings.

Terms Cash or C. O. D.

Will exchange for Elm City and Phenomenal Fuchsia Stock Plants.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

Mention The Review when you write.

Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders. I'll make it worth the trouble of writing for prices now.

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

CARNATIONS--- ROOTED CUTTINGS.

	Per 100	Per 1000
Gen. Gomez	$2.00	$15.00
Ethel Crocker	3.50	30.00
White Cloud	1.50	11.00
Flora Hill	1.25	10.00
William Scott	1.25	10.00
America	2.00	18.00
Melba	1.50	12.00
Glacier	1.50	12.00
Daybreak	1.50	12.00
Mrs. Bartlett	5.00	45.00
Mary Wood	2.00	18.00
Genevieve Lord	3.00	28.00
Morning Glory	5.00	45.00
Mrs. G. Bradt	2.50	22.00
Gen. Maceo	2.50	22.00
G. H. Crane	2.50	22.00

Ageratums—Cope's Pet, Lady Isabel, 50c per 100

CASH WITH ORDER.

H. E. MITTING, FT. DODGE GREENHOUSE CO.
Manager. FT. DODGE, Iowa.

Mention The Review when you write.

Genevieve Lord The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants. New and Old Varieties. Write for prices.
H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Orders Now Booked for ROOTED CUTTINGS of

CARNATIONS.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

HELP your employes to help themselves by placing our Florists' Manual within their reach.

INCREASE your foreman's ability by giving him a copy of our Florists' Manual—prepaid for $5.00.

Always mention the Florists' Review wher writing advertisers.

New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem, form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free; stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100.00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation. The winner of the Lawson Gold Medal in 1900. **$16.00** per 100; **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100, **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { **ROOSEVELT, $12 per 100, $100 per 1000.**
PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

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...WANTED...

To Exchange anything in our 1901 Catalogue, now ready, for any of the following stock:

10,000 Cannas; F. Vaughan, Egandale, Mme. Crozy, Henderson and others.
1,000 Rubbers; 3-in. or rooted cuttings.
1,000 Dracena Ind.; 2½-in.
10,000 Asparagus Plumosus Nana Seed; home grown.
100 Kentia Palms; 6 leaves, 5-in.
500 Kentia Palms; 2½-in. Address

The MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Geranium America!

A QUEEN AMONG GERANIUMS.

COLOR, from purest white to deepest rose.
DWARFNESS, just right.
FLORIFEROUSNESS, astonishing.
Strong Plants, $8.00 per 100. 25 at 100 rate. Ready now.

HENRY EICHHOLZ, - Waynesboro, Pa.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New ads. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Savitzii, trailing, and five others. $1.50 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ACALYPHA.

Acalypha Sanderi, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Cope's Pet and Lady Isabelle, rooted cuttings, 50c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratums. Stella Gurney, $1.00; Princess Pauline, $5.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Louise Bonnett, Princess Pauline, Cope's Pet, White Cap, 50 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Ageratums Princess Pauline and White Cap, rooted cuttings, 75c per 100 prepaid. Cash.
G. W. Weatherby, Chillicothe, Mo.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices.
Baldwin, Newark. A. M. Herr, Lancaster, Pa.

ALTERNANTHERA.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

A. nana, yellow; P. major, red; R. nana, pink, 50c per 100; $4.00 per 1,000. Cash. A. J. Baldwin, Newark, Ohio.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. C. Humfeld, Clay Center, Kan.

20,000 alternantheras, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

Rooted cuttings, $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Sweet alyssum, 60 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ANTHERICUM.

Antherium variegated, 3-in., fine stock ready for 4-in., $4.00 per 100. Cash.
Beach & Chessman, Richmond, Ind.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

	Pot.	Doz.	100.
Plumosus Nanus	4-inch	$ 1.50	$12.00
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	
Sprengeri	8-inch	10.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus Plumosus. Good stock, in 3-in. pots, $8.00 per 100; $70.00 per 1,000. 2-in. pots, suitable for forwarding, $5.00 per 100; $45.00 per 1,000. C. W. Cox, 2d and Bristol Sts., Philadelphia, Pa.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in. $3.50 per 100; $30.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Swanbaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

A. Sprengeri, 2½ in., $2.50; 3-in., $1.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus. Extra fine. To clear out, 3-in. pots, $6.00 per 100; $50.00 per 1,000.
Charles Zimmer, West Collingswood, N. J.

A. Sprengeri, 2-in., $2.00 per 100. Special cash sale. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 3-in., strong, having 10 to 12 growths. Extra fine stock, $4.00 per 100. Cash.
Jacob A. Fries, Bethlehem, Pa.

A. Sprengeri, 3-in., $5.00, 4-in., $10.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

A. Sprengeri and A. plumosus nanus, 2½-in. pots, 4c. McGregor Bros., Springfield, Ohio.

A. Sprengeri, 2½-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

A. Plumosus, fine 3-in. stock, $5.00 per 100. Van Wert Greenhouses, Van Wert, Ohio.

A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

A. Sprengeri, 2-in., $2.50 per 100. Cash.
L. Eisch & Chessman, Richmond, Ind.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From blumis pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BERRIED PLANTS.

Ardisia Crenulata in fruit, 50c, 75c and $1.00 each. Fine stock, in 2-in. pots, ready for a shift, at 5c. Cash, please. Hanford's Floral Hall, Norwalk, Conn.

BOUGAINVILLEA.

Bougainvillea glabra Sanderiana, extra fine, 4-in., $2.50, 5-in., $3.00 per doz. Michel Plant and Bulb Co., St. Louis, Mo.

BULBS.

Dutch, Roman or Miniature Hyacinths, named	100	1,000
Narcissus, large, Von Sion, Poeticus Ornatus, Alba pleno odorata, Poeticus, Golden Sun, Jonquil Rugulosus, in equal proportions	.50	4.00
Tulips, single, Chrysolora, D. de Parme, Cottage Maid, Joost v. Vondel, La Reine, Montresor, Rose Gris de Lin, Standard 72, Silver, Yellow Prince	.65	6.00
Tulips, double, Duke of York, Gloria Solis, Imp. Rubrum, La Grandeur, Rex Rubrorum, Rose Blanche, Tournesol, Parrots any sort	.65	6.00
Mixed, all these single or double	.55	5.00
Lil. Longiflorum, LAST CHANCE, 5x7	1.50	12.00
7x9	2.75	25.00

25 at 100 rate; 250 at 1,000 rate. H. H. Berger & Co., 47 Barclay St., New York.

Cold storage valley, per case, 3,000 pips, $36.00. Single tulips, La Reine, $1.25 per 100, $10 per 1,000. Double tulips, Tournesol, red and yellow, $1.25 per 100, $12 per 1,000. Narcissus princeps, 60 cts. per 100, $5 per 1,000. Narcissus trumpet major, 90 cts. per 100, $8 per 1,000. Lilium longiflorum, prices on application. Stumpp & Walter Co., 60 Barclay St., New York.

	Per 100.	Per 1,000.
Amaryllis formossissima	$2.00	$18.00
Tigridia and Queen of Meadows	1.00	9.00
Milla and cyclobothra	1.00	7.00

Parcel-post paid. J. A. McDowell, City of Mexico.

Spiraeas. Japonica, $3.50 per 100; $32.50 per 1,000. Compacta multiflora, $4 per 100; $35 per 1,000. Floribunda, $4 per 100. Chinese sacred lilies, in mats of 20, $1.25 per mat. Wm. Elliott & Sons, 54 Dey St., New York.

Surplus at reduced prices. Japan Lilium longiflorum, 6 to 8 in., $21.00, 7 to 9 in., $24.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Journey it. Hulsehosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Freesia Refracta Alba, the largest size, 80c per 100; $7.50 per 1,000.
McGregor Bros., Springfield, Ohio.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CAREX.

Carex japonica variegata, 2-in., fine, $1.50 per 100. Cash. Byer Bros., Chambersburg, Pa.

"The classified advs. are a great convenience," is the verdict of the buyers.

CARNATIONS.

Fifteen per cent discount. We are booking orders for carnation rooted cuttings of the following varieties at a 15 per cent discount on all orders booked before January 1: Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $35.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Annapolis, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100; $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100; $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $120.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1,000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Dorothy, seedling pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $75.00 per 1,000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1,000.
E. T. Grave, Richmond, Ind.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $150.00 per 1,000. Cottage Gardens, Queens, N. Y.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Carnation Hurd, best winter blooming white to date. Rooted cuttings, $5.00 per 100; $35.00 per 1,000. A dozen fancy blooms sent on receipt of 50c. H. Rieck, Lafayette, Ind.

Just 1,000 left. Rooted cuttings of Fisher carnation for summer blooming. Fine, strong stock at $9.00. In need of room. Max Herzog, 6957 Scanlon Ave., St. Louis, Mo.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Rooted carnation cuttings. Good stock; low prices. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Carnation plants, 150 Iris Millers, 200 Albertinis, 400 Scotts, extra large plants, $6 per 100. Evenden Bros., Williamsport, Pa.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

Unrooted carnation cuttings. For list of varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

Write us for low prices on field-grown carnation plants. Van Wert Greenhouses, Van Wert, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

CHRISTMAS PLANTS.

500 dwarf solanums. Extra well berried, 4-in. pots, $15.00 per 100; $2.00 per doz. H. Tice, 290 George St., New Brunswick, N. J.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, in fine condition; packed with care; satisfaction guaranteed. Ivory, Fitzwygram, Robinson and 20 others, 5c each. Perrin, Iora, Constable, King and the early yellow Fitzwygram, 10c each. Mrs. Baer, Mlle. Faure and Chadwick, 15c each. Shilo and Xeno, 25c each. 10 per cent discount on all orders received before Jan. 1, and we prepay express on orders of $2.50 or more. We are booking orders now for Col. Appleton, Shilowa, Monrovia, Xeno and others at $6.00 per 100. Cottage Greenhouses, Litchfield, Ill.

Chrysanthemum stock plants: Mrs. Weeks, Queen, Jones, Chadwick, Merry Christmas, Pink Ivory, Mrs. Perrin, Maud Dean, Bonnaffon, Modesto, Golden Wedding, Maud Adams, Sunstone, Thornden, Mrs. Peirce, Blackhawk, G. W. Childs, etc., $1.00 per doz.; $7.00 per 100; our choice, $6.00 per 100. Silver Wedding, Shilowa, Mrs. Baer (Yellow Jones), Xeno and other recent introductions, $1.50 per doz. Harkett's Floral Nursery, Dubuque, Iowa.

Having secured a large block of the stock of the sensational chrysanthemum, Timothy Eaton, we are prepared to book orders for spring delivery. Order at once. Price, 50c each, $5.00 per doz., $30.00 per 100.
Col. D. Appleton, the finest yellow chrysanthemum ever introduced. Orders booked for spring delivery at $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Stock plants of mums, from bench, at $5.00 per 100; 75c per doz.: White—Ivory, Queen, J. Jones, Robinson, Merry Christmas, Niveus; yellow—Mrs. Buettner, Bonnaffon, Admiral Dewey, Nagoya, Mrs. Baer, Dailledouze, October Sunshine; pink—Ivory, Glory of Pacific, Lady Fairplay. Cash with order. H. Tice, 290 George St., New Brunswick, N. J.

Timothy Eaton, the sensational white mum of the decade, will be disseminated April 1, 1901. Price: 50c each, $5.00 per doz., $30.00 per 100. Strong plants guaranteed. The E. G. Hill Co., Richmond, Ind., and R. Craig & Son, Phila., Pa., joint owners in the U. S. Miller & Sons, Bracondale, Ont., sell at same price in Canada.

Stock chrysanthemums from the bench at 5c—Ivory, Rose Owen, Philadelphia, Gladys Vanderbilt, Fitzwygram, Bonnaffon, G. F. Atkinson, Black Hawk, Bergmann, Glory of Pacific, Yellow Ivory, Whilldin, Viviand Morel, Mrs. O. P. Bassett, Mrs. W. R. Douglass and Mayflower. Walker & McLean, Youngstown, Ohio.

If you want good, strong, healthy plants, plants from prize winning stock, write to me for varieties and prices. At Chicago, St. Louis and Indianapolis I took 13 premiums; half first and half seconds on white, yellow, pink, bronze or any other color. Address, at once, Gunnar Teilmann, Marion, Ind.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

2,000 strong chrysanthemum stock plants, Mrs. Robinson, Viviand-Morel, Bonnaffon, Philadelphia, Glory of the Pacific, October Sunshine, Mme. Bergmann, Geo. W. Childs, 60c per dozen; $4.00 per 100. Jos. Labo, Joliet, Ill.

Chrysanthemum stock plants. Golden Wedding, Bonnaffon, Mrs. Robinson, White Ivory, Whilldin, strong clumps, 75c per doz; $5.00 per 100. J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

Chrysanthemum stock plants, extra good; Bonnaffon and Bergmann, 50c per dozen; $4.00 per 100. Duly Bros., Randolph, Mass.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

CINERARIAS.

250 cinerarias, ready for 5-in., large, extra strong plants, $6.00 per 100. Cash. Sewickley Greenhouse Co., Sewickley, Pa.

Cinerarias, 2-in., $2.00 per 100. Special cash price. Jos. H. Cunningham, Delaware, Ohio.

Cinerarias, 2-in., $2.50 per 100. Cash.
G. Guy Swanger, Shiloh, Ohio.

CISSUS.

Cissus discolor, pretty plants, 3-in pots, $4.00 per 100. McGregor Bros., Springfield, Ohio.

CLEMATIS.

Large flowered clematis for forcing. Purple white and lavender sorts, from 6-in., 18c; 1-year, field-grown, at low figure. C. paniculata, fine 3-year plants, 10c; 2-year, 8c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Clematis Paniculata, 2 and 3 years old X size, per 10, $1.00; per 100, $8.00, per 1,000, $75.00. XX size, per 10, $1.25, per 100, $9.00, per 1,000, $80.00. Send your order now for spring. Ed. Brockmann, Irondequoit, N. Y.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100, $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

Coleus. All the best varieties in 2½-in. pots at the special low price of $2.50 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

The newest sorts and only those of decided merit, 2½-in., $1.50 per 100. South Side Floral Co., Springfield, Ill.

Coleus, good assortment, rooted cuttings, 60c per 100 prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, 12 best sorts, 2½-in., $1.60; rooted cuttings, 50c per 100. Cash. Beach & Chessman, Richmond, Ind.

Coleus, 10 varieties, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, elegant plants, 12 best bedding var., from 2½-in., $3.00 per 100; $25.00 per 1,000.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen. Choice, healthy stock, all in bud, valuable for retailing. Stocky plants, 3-in., $5.00. Freeport Market Garden & Greenhouses, Louis Bauscher, Prop., Freeport, Ill.

Good plants in bud and bloom. Per dozen: 4-in., $2.00 to $3.00; 5-in., $4.00, $5.00 and $6.00; 6-in., $7.50, $9.00 and $12.00. C. W. Cox, 2nd and Bristol Sts., Philadelphia, Pa.

Cyclamen giganteum, 2¼-in., $4.00; 3-in., $6.00; 3½-in., $10.00; 4-in., $12.00; 5-in., $25.00 per 100. C. L. Osborn, Sidney, Ohio.

Cyclamen giganteum. From 3-in. pots, in bud, $8 per 100. From 3½-in., in bud, $10 per 100. Wood Bros., Fishkill, N. Y.

Strong, 3-in. cyclamen, well set with buds, $7.00; 4-in., $10.00 per 100. Cash or C. O. D.
C. Winterich, Defiance, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New Marguerite. A great novelty for 1900. A cross betwen the yellow and white, is a constant bloomer, flowers four to five inches in diameter, fine for cut flowers, will keep for two weeks after being cut. Center half yellow, outer half pure white. Makes a fine pot plant. Will send free by mail 12 plants for $1.25; 6 plants, 75c. Order now if you want it.
S. Lenton, Long Beach, Cal.

DRACAENAS.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Dracaena Sanderiana, 2½-in., top cuttings, $8.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Dracaena indivisa, 3-in., ready for 4-in., $4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

FARFUGIUM.

Farfugium grande. 75 plants, 4-in. pots, $15.00 per 100. Cash. S. M. Harbison, Danville, Ky.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis Bostoniensis	6-inch	6.00	
Nephrolepis cord. comp.	5-inch	2.00	15.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Fine bushy plants, from 2-in. pots, of Cyrtomium Falcatum, Onychium Japonicum, Pteris Cretica Albo Lineata, Pteris Adiantioides, Aspidium Tensemense, at $3.00 per 100, assorted. These are bright, clean stock and just right for small fern dishes. Cash, please.
Hanford's Floral Hall, Norwalk, Conn.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100. Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Boston ferns true to name. Small plants from bench, $1.00, 7,000 2-in., $2.00, 4,000 3-in., $4.00 per 100. Davis Bros., Morrison, Ill.

Boston ferns, 4-in., 5-in., 6-in., 7-in. pots; 10-in. and 12-in. pans. Dandy plants for Xmas sales. Mark Aitken, Springfield, Mass.

Nephrolepis cordata compacta and Bostoniensis, 2½-in., $4.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Lace ferns and Selaginella Emmeliana, 2½-in. pot size, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Boston ferns for holidays. All sizes. Write for prices on small or large lots.
Geo. A. Kuhl, Pekin, Ill.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Assorted ferns, for ferneries, $3.50 per 100.
Wm. A. Bock, No. Cambridge, Mass.

Selaginella, from 3½-in. pots, $5.00 per 100.
John Reck, Bridgeport, Conn.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ficus, or Rubber plant, fine stock, 15 to 18 inches high, well leaved from pot up, $3.00 per doz.; sample, 25c.
McGregor Bros., Springfield, Ohio.

Rubbers, 6-in. pots, 2½ to 3 ft., 60c, 4-in., 20c, 5-in., 40c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

FORCING PLANTS.

Azalea indica, see former issues.

Spiraea japonica	$3.50 per 100
Spiraea compacta	4.00 per 100
Spiraea astilboides floribunda	4.00 per 100
Spiraea plumosa alba (new)	15.00 per 100
Spiraea palmata, scarlet	5.00 per 100
Dielytra spectabilis (Bleeding Hearts)	5.00 per 100
Paeonia officinalis rubra pl	8.00 per 100
Paeonia officinalis alba pl.	20.00 per 100
Paeonia tenuifolia fl. pl.	18.00 per 100

Monthly roses: Hermosa, pink, and Agrippina, dark red, $10.00 per 100. Clothilde Soupert, $12.00 per 100.
H. P. roses, low-budded, leading kinds, $10.00 per 100. Crimson Rambler, extra strong, $15.00 per 100. Hydrangea Otaksa, 4 to 6 shoots, $12.00 per 100. Bobbink & Atkins, Rutherford, N. J.

FRUIT PLANTS.

All varieties of fruit trees and every one warranted true to name.
W. W. Pullen, Milford, Del.

GARDENIAS.

Gardenia Florida, 3-in pots branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

New geraniums, from 2½-in pots, in the following varieties: Jean Viaud, Kolber, Richelieu, L. Corrett, M. Canovas, Bellerophon, Wm. Lannguth (dble. scarlet silver leaf) and Mrs. Parker (dble. pink silver leaf), 75c per doz., $6.00 per 100. Collection of two each of above varieties by mail, $1.00. Standard varieties: S. A. Nutt, Gen. Dodd, Heteranthe, la Favorite, Mme. Bruant, Countess Castries, Beaute Poitevine and 20 other varieties, 2½-in. pots, 50c per doz.; $3.00 per 100. Cash with order.
Mrs. Thomas Lawrance, Ogdensburg, N. Y.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Strong 2-in., mixed, $1.50 per 100. Rooted cuttings of Bruanti and Heteranthe, $1.25 per 100; $10.00 per 1,000. Mme Salerol, 2½-in., $1.50 per 100; 2-in., $1.25. Rose geraniums, rooted cutting, $1.00 per 100. South Side Floral Co., Springfield, Ill.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

100,000 rooted cuttings, at $12.00 per 1,000. Dbl. Grant, $11.00 per 1,000. Mme. Salleroi, $1.25 per 100, $10.00 per 1,000. Rose Geraniums, $1.25 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

30,000 geraniums—Beaute Pointevine, Mme. Jaulin, Ricard, S. A. Nutt and Dbl. Grant. Rooted cuttings, $15.00 per 1,000. J. B. Shurtleff, Jr., Revere, Mass.

Geranium America. A queen among geraniums. Strong plants, $8.00 per 100; 25 at 100 rate. Ready now. Henry Eichholz, Waynesboro, Pa.

Rooted cuttings, double and single and ivy leaf. Fine collection, $2 per 100; $15 per 1,000. Strong pot plants, $3 per 100; $25 per 1,000.
Wood Bros., Fishkill, N. Y.

Geraniums. Fine assortment of labeled varieties, 2½-in. plants, $2.00 per 100. Cash with order. G. W. Weatherby, Chillicothe, Mo.

Madam Salleroi. Fine plants, in 2½-in. pots, $2.50 per 100. Mark Aitken, Springfield, Mass.

Fine assortment, 2½-in., all the best varieties, $2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Geraniums. Standard bedders, price and varieties carefully furnished on application.
Paul Mader, East Stroudsburg, Pa.

10,000 geraniums, by selection, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

GREVILLEA.

Grevillea robusta, 3-in., $4.00, 2-in., $3.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

HARDY PLANTS.

40,000 American filberts (Corylus americana), or hazlenuts; nice, collected plants, 3 to 5 ft., well packed; F. O. B., $6.00 per 1,000; 4 to 7 ft., $8.00 per 1,000. Also white flowering dogwood, red ozier dogwood, tulip poplar (common elder), sweet ghum and red bud, all nice collected seedlings, same sizes and prices as above for immediate orders. Send for my trade list of tree and shrub seeds and seedlings. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

Clematis paniculata, 2 and 3 years old.

	Per 10.	Per 100.	Per 1,000.
No. 1	$1.00	$7.00	$65.00
X size	1.25	9.00	75.00
XX size	1.75	13.00	125.00
Fine pot plants	.50	3.60	30.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.60 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 6-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Hydrangea P. G., 5 to 10 inches, heavily rooted, $25.00 per 1,000; 1 to 2 ft, heavily rooted, stocky, $40.00 per 1,000; 2 to 3 feet, X, heavily rooted, stocky, $70.00 per 1,000. Prices Fall only; shipment Fall or Spring. Double Snowball same prices. Jenkins' Evergreen & Seedling Nurseries, Winona, Ohio.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid; $10.00 per 1,000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S Dutton, 85 W. 12th St., Holland, Mich.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

500 Paeonia Chinensis, in 90 different varieties, at $12 per 100; undivided 2 to 4 eyes each. Please cash with order. Van Heiningen Bros., Nederland, Tex.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Halls and Belgica, 2 years old, field-grown, $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Rudbeckia. 2,000 Golden Glow, from 1 to 2 crowns, at $2.50 per 100. Cash. Jos. Dunn, Orrs Mills, N. Y.

California Privet, 18 to 24-in., branched, $2.00 per 100; $15.00 per 1,000. Cash.
Byer Bros., Chambersburg, Pa.

Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Heliotropes, 2½-in., per 100 The Czar, Napoleon and Violet Queen, $3.00, Mme Blonay, Le Poitevine and Le Cid, $4.00. Michel Plant and Bulb Co., St. Louis, Mo.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotropes, 12 vars., 2-in. pots, $2.00 per 100. Cash with order. C. A. Harris & Co., Delanson, N. Y.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000. Jackson & Perkins Co., Newark, New York.

IVIES

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 3 to 4 ft. long, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

JASMINE.

I have 12 Grandiflora Cape Jasmine, very bushy and over two feet from top of pot, the large flowering kind. The best offer takes them; make me a bid. David N. Rehr, Lehighton, Pa.

LANTANAS.

Lantanas, 8 vars., 2-in. pots, $2.00 per 100. Weeping lantanas, $1.25 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

Lantanas, 2-in. pots, in bud and bloom, 6 varieties, $1.75 per 100; $15.00 per 1,000.
C. L. Brunson & Co., Paducah, Ky.

Weeping lantanas, 2½-in., $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Lantanas, red and white, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,600, $21.00. Jackson & Perkins Co., Newark, New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Orange, dwarf, well shaped plants, 2½-in. pot, $3.00 per 100; 3½-in., $5.00; 4-in., $6.00; 5 and 6-in., $10.00 per 100.
McGregor Bros., Springfield, Ohio.

One navel orange tree, with some fruit on. Very bushy, 5 ft. high, 1⅝ caliper. Make me an offer David N. Rehr, Lehighton, Pa.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, Inches.	No Leaves.	Each.	Per Doz.	Per 100.	Per 1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2¼		3	....	$0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	....	....	....	$3.00
5	15 to 20	8 to 12	$0.50	6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6	extra fine		18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

ZINGIBER OFFICINALIS (GINGER PLANT), $2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA, VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

1,000 Kentia Forsteriana. Cool grown, 12 to 20 inches high, 4-in. pots, $15.00 to $35.00 per 100. Liberal discount for the whole lot, as I need the room for 10,000 seedlings. Cash. H. F. Albright, 54 Columbia Ave., Jersey City Heights, N. J.

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I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind.

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	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
3 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3 00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4 50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12 00
6	5-6	30	1 25	15 00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

Ball's palms, etc., choice hardy stock, perfect in every respect.
Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 50c and 75c; 8-in. at $1.50; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $17.50 to $35.00.
Kentia Belmoreana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.
Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.
Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.
Livistona Rotundifolia, 4-in. at 40c; 5-in. at 75c.
Pandanus Veitchii, 6-in. at 75c and $1.00; 8-in. at $2.00.
Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.
Chas. D. Ball, Holmesburg, Philadelphia, Pa.

LATANIA PALM PLANTS.

Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	1	20 to 22-in. high	6 and 7	$6.00
6-in.	2	20 to 22-in. high	10	9.00
6-in.	3	20 to 22-in. high	12 to 14	12.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
7-in.	3	2 ft. ht. & diam.	12 to 16	18.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.
Pandanus Veitchii and Croton plants, prices on application.
J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
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Kentia Forsteriana, 3-in. pots, 12-in. high, $1 50 per doz.; 15 to 18 in. high, $2.00 per doz.; 4-in. pots, nice plants, $3.00 per doz.
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Pandanus Veitchii. John Welsh Young, Germantown, Pa.

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Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price. Well sorted cuttings, $1 25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

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200 red and white Chinese primroses, fine, healthy plants, ready for 4-in., $4.00 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

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EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.
25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

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Climbing Wootton	President Carnot
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" Kaiserin	Queen's Scarlet
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Dr. Grill	La France
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Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
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Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.
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Strong, field-grown roses.

American Beauties, selected	$25.00 per 100.
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American Beauties	20.00 per 100.
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Cash with order or satisfactory references.
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R[illegible]. First-class. Heavy field-grown. Own roots. Empress of China, Wichuraiana, Pink Rambler, Manda's Hybrids (4 varieties), $50.00 per 1,000; $7.50 per 100. Be quick if you want any between now and spring. Howland Nursery Co., Los Angeles, Cal.

Roses for spring blooming. Fine 1 and 2-year field grown plants, that have never been forced, suitable for 5-in. pots, 5c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

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Strong, field-grown plants of white and pink Maman Cochet, at $10 00 per 100. The finest rose ever introduced for summer blooming.
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We grow all the leading varieties of roses. Rooted cuttings now ready. Write us.
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Seeds. Cyclamen giganteum, 50c per 100 seeds. Smilax, 30c per oz. Hollyhock, Chaters Superb, mixed, 50c per oz. Pansy, Trimardeau, $2.00 per oz.; G. & T. Co.'s Best, $4 00 per oz. Sweet Peas, 30c per lb. Griffith & Turner Co., Seedsmen, Baltimore, Md.

Seeds: Smilax, 25c an oz. A. Sprengeri, 1,000 seeds, $4 00. Sweet peas, "Florists' Forcing Mixture," or separate colors, 40c per lb., postpaid. Write for "Florists' Wholesale Catalog." Plant Seed Company, St. Louis, Mo.

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Wholesale price list for florists and market gardeners.
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String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

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Cabbage plants—H. Succession, Jersey, Chas. Wakefield, Flat Dutch, 15c per 100, $1.00 per 1,000, $8 50 per 10,000. Lettuce—Grand Rapids, Curled Simpson, Boston Market and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Parsley—Good Curled, extra strong, 25c per 100, $1.50 per 1,000. Cauliflower—H. Snowball, 35c per 100, $2.50 per 1,000. If by mail add 10c per 100 on cabbage, lettuce and cauliflower and 25c per 100 on parsley. Cash with order.
R. Vincent, Jr., & Son, White Marsh, Md.

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Best mammoths, strong pot plants, $1 per 100, $25 per 1,000; rooted cuttings, $1 per 100, 8s per 1,000. Older mammoth, strong pot plants, $2.50 per 100; $20 per 1,000. Rooted cuttings, 75c per 100; $6 per 1,000.
Wood Bros., Fishkill, N. Y.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America. 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

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Rooted cuttings 40 best mammoth varieties, 60c per 100; $5 per 1,000. C. Humfeld, Clay Center, Kan.

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Vinca (trailing), green and variegated, 4-in., 75c per doz., $6.00 per 100; 3-in., 60c per doz., $4.50 per 100. Seawanhaka Greenhouses, L. B. 22, Oyster Bay, N. Y.

Vinca variegated, 2¼-in., $2.50, 3-in., $4.00, 3½-in., $8.00, 4-in., $10.00, 5-in., $15.00 per 100. Rooted cuttings, $30.00 per 1,000; $1.25 per 100. Cash.
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Major var. Extra fine clumps from field, $3.00 per 100. Cash. H. Kingston, Council Bluffs, Iowa.

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Violet Runners, 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free.
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Lady Campbell, healthy rooted cuttings from sand, 75c per 100 postpaid; $6.00 per 1,000. A. B. Davis & Son, Purcellville, Va.

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Anything in our 1901 catalogue (which is now ready) for cannas, rubbers, dracaenas, Asparagus plumosus seed or kentias. Morris Floral Co., Morris, Ill.

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Cane stakes, 7 to 8 ft., $3.00; 6 to 7 ft., $2.50; 5 to 6 feet, $2.00 per 1,000. F. O. B. here. C. S. Tait, Brunswick, Ga.

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Norway spruce, nursery-grown Christmas trees, 3 to 4 ft., $25.00, 4 to 5 ft., $35.00 5 to 5½ ft., $40.00 per 100. Baled F. O. B. in lots of 50. W. H. Moon Co., Morrisville, Pa.

20,000 well branched, fresh cut Christmas trees from $10.00 per 100 to $5.00 apiece. Write or wire for special prices on carloads. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Christmas trees. Write for prices. L. B. Brague, Hinsdale, Mass.

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Extra selected wild smilax, 50 lbs. net weight, $2.00 per case; 30 lbs. net weight, $1.25 per case.

Holly, bright green, well berried, 50 lbs. net weight, $2.50 per case; 25 lbs. net weight, $1.75 per case; 25 lbs. net weight, $1.50 per case.

Long needle pines, assorted sizes, 2½ to 4½ ft. high, per doz., $1.50; per 50, $4.00; per 100, $7.00. Dozen pines weigh 25 lbs.

Chamaerops palm crowns, 6 to 10 leaves, per case, $2.00. Dozen crowns, weight 35 lbs. ready for shipping.

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Magnolia foliage; cases 24x24x48 inches; weight 50 lbs., $2.50 per case. Cases 18x18x40, weight 25 lbs., $1.50 per case.

Gray moss, per 12 lb. bale, $1.00; per 100 lbs., $6.00. Green sheet moss, per 10 lb. sack, $1.00; per 100 lbs., $8.00.

Express rate, 25 per cent less than merchandise rate. Let your Christmas orders come.
R. A. Lee, Evergreen, Ala.

Wild smilax, galax leaves, fancy ferns, dagger ferns and all fresh green for decorative purposes. Also prepared sago and palm leaves, plants, etc.

We guarantee the best goods that money can buy and cheaper than any of our competitors. Send for delivery guarantee.

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8,000,000 hardy cut ferns, now at 75c per 1,000. Fancy and Dagger. Christmas trees by the carload or in small lots. Sphagnum moss, 50c per bbl. Bouquet green, $2 per 100. Laurel roping, $4 per yard. Cash with all orders. Orders by mail or dispatch promptly attended to. Thos. Collins, Hinsdale, Mass.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Philadelphia; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Holly, fancy stock, crop extra fine this season. Evergreen wreathing, holly wreath, choice mistletoe, wild smilax and needle pines. Also 12-in. rattan rings, with patent fastener, ready to wind on. Saves time and improves looks of wreaths. Send samples. W. W. Barnard & Co., 161 Kinzie St., Chicago.

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Hardy cut ferns, $1.00 per 1,000 in 1,000 lots. Bouquet green, wreaths, etc. Spruce boughs, put up in 100 lb. bales, for sale by bale, ton or carload. Write for prices. L. B. Brague, Hinsdale, Mass.

Southern wild smilax, holly, Chamaerop palms and crowns, long needle pines, etc. Let me book your order now for Christmas.
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Holly for sale cheap. 200 cases of choice holly; will sell cheap for Christmas; also a lot of wreaths. M. Matlack, Cool Springs, Del.

The best grade of bright green, well berried holly, fresh from the swamps.
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Laurel festooning, the best, 5 to 6c per yard. Crowl Fern Co., Millington, Mass.

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Cycas Wreaths and Leaves, Capeflowers, Immortelles, Sheaves, etc. Write for list to August Rolker & Sons, 52 Dey St., N. Y.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
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Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

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Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer,
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Choice green and bronze galax leaves, 60c per 1,000, postpaid. Small orders a specialty. Cash with order. H. H. Hill & Co., Victoria, Macon Co., N. C.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

Selected Galax leaves.
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Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Mastica and Mastica glazing machines. F. O. Pierce Co., 170 Fulton st., New York.

Greenhouse glass a specialty, Sprague, Smith Co., 207-209 Randolph st., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth st., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch st. Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigating or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skaboura Dip Co., Chicago.

Rose Leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
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Standard Flower Pots. If your greenhouses are within 600 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-263 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

For the best Plant Tubs, address Mann Bros., 6 Wabash Ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln Univerality, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

Whilldin Pottery Co., Philadelphia, Pa.

POT HANGERS.

Krick's Flower Pot Hanger. Just the thing to display your plants by hanging them on the walls, etc., especially when crowded for room. No. 1 will fit 2 to 5-in. pots, 20c per doz.; No. 2, 5 to 8-in., 40c per dozen.; No. 3, 8 to 12-in., 50c per doz. Sample pair, 10c postpaid. W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

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C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Av., Chicago.

BUFFALO.

There have been a good many parties of late; one in particular was a very large and fashionable ball on Delaware avenue. Sherry, the caterer, was here from New York. An orchestra of thirty-three pieces supplied the music; an army of policemen, firemen, carpenters, decorators and mechanics of all kinds were in attendance in case their services were needed. It was altogether a very swell affair and the floral decorations were very fine. Having a conservatory attached to the mansion, their own palms were largely used. W. J. Palmer & Sons supplied large quantities of the finest roses and chrysanthemums, which occupied prominent places in the rooms. There have been a great many parties of lesser magnitude, all of which have been good for trade. Everything points to a very gay season and all flowers will be in great demand.

The weather has been so very unfavorable for nearly a month past that it seems to have told on the quality of roses and carnations. There is now a change for the better and we will expect a better supply both in quality and quantity. The banks of the Hudson have been sending up some grand violets this last week. We believe that this Christmas is going to be a great time for plants as it has been for several years past and Buffalo is pretty well supplied. Messrs. Palmer & Sons have a very fine lot of poinsettias, lilies and azaleas. Neubeck & Myers are gay with Gloire de Lorraine and azaleas. Mr. Legg, Delaware avenue, also has been very successful with this beautiful begonia and has a fine lot. Mr. Rebstock is well supplied with poinsettias, cyclamen, begonias and azaleas.

We are a little modest in speaking of our own place, but I will quote the words of our friend Mr. Mott, who was here for the ninth time this year. As he stood at the door of No. 5 and looked along the middle bench, seven feet wide and 100 feet long, he gave that peculiar Delaware river gasp and said: "By Jove! old fellow; I never saw such a sight as that." This bench is filled with poinsettias. They begin at one foot high and gradually rise to a height of six feet—one sheet of scarlet bracts. As I have sometimes said before, these plants have been grown for so many years in Buffalo that they now call them the Christmas flower.

We had last week a visit from Mr. Phil Breitmeyer. The death of a friend brought him to our city. We are always glad to see such a whole-souled, wide-awake florist as is Phil. Young Mr. Harry Pennock was also here; the gentleman who owns the locomobile. We had no idea that he would ever venture out as a drummer, but he is going to make a first-class one. He is selling all kinds of things to attach to flowers and plants to make them more attractive. If this continues we shall believe that the frills and their accessories will be more important than the flowers and plants. Mr. Kasting is getting in carloads of holly and you already see it on the streets. Ground pine he reports as away up in price and hard to get.

W. S.

THE CHRYSANTHEMUM.

Full blown you beam
And glint and gleam—
Each petal's like a fishbone.
And 'at the foot
Ball match you're put
On Arabella's wishbone.
'Tis there you shine
And never pine
While panting like the grampus,
Each player glides
And slips and slides
And bumps along the campus.
Chrysanthemum! Chrysanthemum!
You are the whiskered bloom
That blows apace
And lights with grace
Thanksgiving's pensive gloom.

You lightly bob
And glow and throb
Athwart the flowered damask.
And thrill to hear
Fair Guinivere
For turkey or for ham ask.
You charm the board
Whose gobbler lord
Begilds our fairy vision.
And see the gay
Bird tucked away
With swiftness and precision.
Chrysanthemum! Chrysanthemum!
Today your happy fate
It is to be
From sea to sea
The turkey's running mate.

Chrysanthemum,
To stay you've come.
Your glory fate can stop not;
From morn till night
All feet the light
That glimmers on your topknot.
All swear by you,
For it's as true
As that we all are living.
With you away
Thanksgiving Day
Would hardly be Thanksgiving.
Chrysanthemum! Chrysanthemum!
You're here, and ever may
It be your fate
To make elate
And gild Thanksgiving Day.

—Chicago Times-Herald.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

H. Weber & Sons, Oakland, Md., register new carnations as follows:

Norway, a seedling of Mrs. Fisher, color pure white, flowers 2½ to 3½ inches in diameter, fragrant; stems long and strong.

Egypt, color scarlet crimson, flowers uniformly 2½ to 3 inches in diameter, fragrant; stems 2½ to 3 feet.

A. C. Zvolanek, Grand View, Somerset Co., N. J., registers Sweet Pea Miss Florence E. Denzer, a white seedling between Zvolanek's Christmas and Emily Henderson; height, four feet outdoors five and a half feet under glass; a continuous bloomer, especially adapted for winter flowering; stems up to 16 inches long, usually bearing three flowers each; flange narrow and of a dark green color.

W. J. STEWART, Sec'y.

AS TO CHRYSANTHEMUMS.

Roses is always roses—pink, like a maiden blush,
An' sweet, like the breath o' summer time it comes in the twilight hush;
Red as a blazin' poppy, yellow as gleamin' gold,
Or white as a fallin' snowflake—with beauty that isn't cold.
Roses is always roses—glad when the year time comes.
Give me the roses always—sweet as the chrysanthymums.

Roses is always roses—always an' every the same—
Go; no use for a flower when I can't pronounce its name.
Pooh! What's the good of a blossom that looks like part of a lunch,
Looks like some raggedy salad, or straw that's tied in a bunch?
Roses fer me! Yes, roses—they are ma fav'rites, by gum!
Catch me a-wearin' that woolly affair—chrissy anthymum!

Roses is always roses—I like their glow an' their gleam.
They never look like a tackle or some kind o' football team.
These here chrysanthymum flowers—sort of an unraveled bloom—
Looks like a shaggy ol' poodle, layin' all over the room.
Roses fer me! Jest roses! Somehow I'd ruther be dumb
Than try to say I'm in favor o' this here cursonthymum.

—Josh Wink in Baltimore American.

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I think more of the Review than of any other paper in the United States.
Chicago. F. W. MARTIN

I think the Review the best trade paper I ever read. THEO. MILLER.
Greenfield, Ohio.

The Review is all right-up-to-date. Best wishes. R. MEARNS.
Toronto, Ont.

I consider the Review indispensable to my business, and expect to take it as long as I live. W. C. SCOVELL.
Malta, Ohio.

I value it very much as a trade paper
Grove City, Pa. J. E. BLACK.

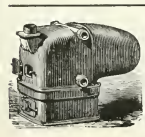
I am much pleased with the high standard of your paper. P. H. DORSETT.
Washington, D. C.

I am well pleased with your paper.
Columbus, Ohio. G. DROBISCH

I am greatly attached to it, and would not be without it. C. J. BENZ.
Conshohocken, Pa.

GOOD TOOLS are always a good investment. Among the very best and most valuable is a copy of the Florists' Manual, by Wm. Scott.

IF YOU have not already done so, please send us an accurate list of those in the trade that receive their mail at your postoffice, and greatly oblige the publishers.



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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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AMES, IA.—Fire at the Agricultural College recently did serious damage to one of the buildings and destroyed 50,000 out of the 80,000 botanical specimens in their unusually fine collection.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

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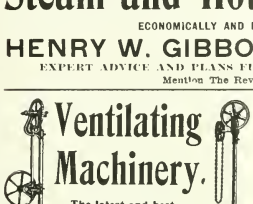

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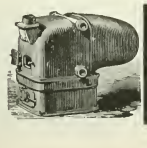

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COE RIDGE, O.—Reep Bros. are completing a new range of five houses covering about 70x70 feet of ground. Two are planted with carnations and one with violets.

MONROE, WIS.—Mrs. E. R. Copeland reports business first-class, and says her sales during the past month have been the largest of any month in the twelve years she has been in the business.

EVANSVILLE, IND.—Benj. Kramer has started in the business in good style at the corner of Eighth and Walnut streets. He has a fine stand close to the Union Station, and, being a hustler, will no doubt make things hum. Everything is new, nice and clean around his place. He has about 8,000 feet of glass.

A DEPARTURE from the conventional in the way of price-lists is that recently issued by the Morris Floral Company, Morris, Ill. On the title page appears a fine half-tone portrait of Mr. A. Mitting, the president and general manager of the company, and who owns a majority of the company's stock. In connection with this is reprinted from the county history a sketch of Mr. Mitting's life and of the organization and progress of the company in which he has always been the moving spirit. Then follows the price-list, freely illustrated by fine half-tone engravings, which are beautifully printed on enameled book paper. It is well gotten up, and is sure to receive more than passing notice.

JACKSONVILLE, FLA.—Chas. D. Mills has purchased the interest of Peter W. Wachter in the firm of Mills & Wachter. The purchase includes the ground upon which the greenhouses and nursery are located.

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Is a book of 224 large pages (same size as those of the Florists' Review), and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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SAN JOSE, CAL.—Arrangements are being made for a floral festival to be held next spring during the time of the anticipated visit of President McKinley.

GROVE CITY, PA.—S. M. Lightner is preparing to embark in plant growing under glass.

GRAND RAPIDS, MICH.—The annual election of officers of the Michigan State Horticultural Society resulted as follows: Pres., R. M. Kellogg, Three Rivers; Sec'y, C. E. Bassett, Fennville; Treas., A. W. Slayton; executive board, C. J. Monroe, South Haven; C. F. Hale, Shelby; R. J. Coryell, Detroit; Thos. Gunson, Agricultural College; C. E. Hadsell, Troy.

THE Florists' Manual, by Wm. Scott, is for use every day in the year.

BURPEE'S PRIZES.

Each year Messrs. W. Atlee Burpee & Co., Philadelphia, offer a liberal list of prizes for finest specimens of vegetables grown from their seeds, and they have sent us a printed list of the winners of prizes the past season for specimens of Burpee's Quarter Century tomato, Burpee's willow leaf bush lima bean and Australian yellow onion. The prizes foot up to a total of $335 in cash, and the winners represent almost every section of the United States and Canada. Evidently "Burpee's seeds grow" almost everywhere.

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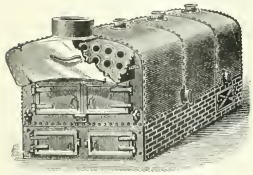

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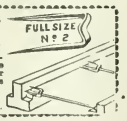

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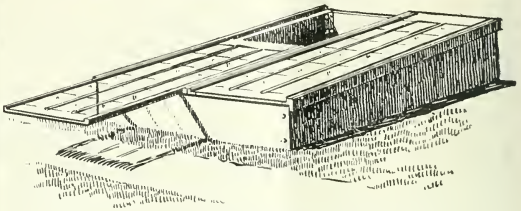

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, DECEMBER 20, 1900. No. 160.

....CHRISTMAS SPECIALTIES....

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Rooted Cuttings,
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"We have your acknowledgement of order which you sent us April 19 on file. We are quite sure that this rose is going to be ONE OF THE GREATEST INTRODUCTIONS since the American Beauty has entered the market. A great many of our customers, who saw this rose, praise its quality very highly and promised us good sized orders as soon as the plants are ready. The especially great point in the rose is that it is a BEAUTIFUL SHADE OF PINK which will be very much desired in this popular variety. We think you have an EXCELLENT ROSE and one which will prove profitable to you."

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Mixed, all these single or double	.55	5.00
Lil, Longiflorum. LAST CHANCE. 5 x ½	1.50	12.00
7 x 9	2.75	25.00

25 at 100 rate; 250 at 1000 rate.

Send for our new list of Tuberous Rooted Begonias, Gloxinias, Gladioli for early forcing.

Tuberoses, The Pearl, 4 x 6, extra .60 5.00

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Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	2	20 to 22-in. high.	10	$9.00
7-in.	1	2 ft. ht. and diam.	10 to 8	12.00
7-in.	2	"	10 to 12	15.00
8-in.	1	3-ft. "	8 to 9	18.00
8-in.	2	3½ "	15	20.00
8-in.	3	3½ "	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ feet high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.

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Golden Wedding, Bonnaffon, Mrs. Robinson, White Ivory, Mrs. J. Whitlitt, strong clumps, 75c per doz., $5.00 per 100.

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Our advice: Place your orders and go to sleep in peace. N. B.—We also sell some Holly.

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CRYPTOMERIA JAPONICA,.....

(Japan Cedar.) The Novelty Decorative Pine. Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5.00 per 100, or 20 for $1.00. E. I. RAWLINGS, Quakertown, Pa

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ROOTED ROSE CUTTINGS

and 2-inch stock, as follows:

Meteors, Brides, Maids, K. A. Vic., Perles, Beauties, Golden Gate, LaFrance, Belle Siebrecht, Pres. Carnot, Wootons.

Don't forget BOSTON FERNS, all sizes. Write

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WHOLESALE GROWER OF

Pandanus Veitchii and Boston Ferns,

See page 427 of the Review of Sept. 6 for prices.

Upsal Station, Penna. R. R. GERMANTOWN, PA.

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NOTICE TO THE WHOLESALE DEALER and RETAIL MAN.

I am prepared to make you prices on the following decorative stock: Southern Wild Smilax, Holly, Chamærop Palms and Crowns, Long Needle Pines. All goods are shipped out at market price. Let me book your orders now for Christmas. I will treat you right. Cash with order or C. O. D. Address all orders to

J. G. BARROW, Red Level, Ala.

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Always mention the Florists' Review when writing advertisers.

THE RETAIL FLORIST.....

Events will happen in the lives of all
Affecting the plans of the great or small.

We are very sorry for our long and unavoidable absence from the pages of the Review. The medicinal qualities of plant or flower for the time overshadowed their beauty and for that reason we hope the numerous friends who have sent us unanswered queries pertaining to Christmas decorations, etc., will be kind enough to excuse our forced silence.

From present prospects this year's Christmas trade will break all records. Vast preparations have been made, and if you don't make more money than you did last year the fault will most likely be your own. Study the requirements of your particular class of trade and give the people what they want. It is useless to get up expensive metropolitan fancies for rural local trade, and we might say vice-versa, and yet often the most obscure florist is called upon to equal if not exceed the creations of the best city florists. Information is always valuable even if seldom used. We have missed so many weekly chats with you that we can only now try to catch up and will take the Christmas trade in sections.

Cut Flowers.

The prices of good quality flowers will not vary very much from those of former years; lower grade stock will be cheaper. The increasing plant trade is responsible for this; people want the best they can get all the time but more especially at Christmas. The best American Beauties will bring $24 per doz., the next grade $15 to $18 per doz., and so on down to $6. Highest grade Brides, Bridesmaids, Meteors, Golden Gates, will fetch from $3 to $5 per doz. Liberties will be made a specialty of and as high as $10 will be asked for top grade. There will be more roses sold at $1.50 to $2.50 per doz. than at the prices quoted above; they will be the long pickled, washed out Bridesmaids, the purple Meteors, the flabby Brides, Perles, Cusins, in fact the common stock of the market.

New Roses will be made a specialty of; the supply will of course be scarce. "Sarah Nesbit," a sport of Mme. Cusin, originated by Benjamin Dorrance, is a pretty rose of Mme. de Watteville color; it is very popular in New York. Robert Scott, the new pink rose, seems also to have a bright future before it. Its color and shape is after the Mme. Gabriel Luizet type, and when it is grown properly it will be in demand for its size. Queen of Edgeley promises to be a winner, but new roses are seldom of much account to the retail cut flower trade for the first year.

As in former years, color in roses will be an important factor in their popularity. Thus we expect Meteor and Liberty and Papa Gontier to be favorites. Pink roses will sell well if they are pink. Carnations will undoubtedly be popular, and already several new varieties are bringing very high prices. "Prosperity" leads at $3 per doz.; the asking price at Christmas will probably be $5. Fancy carnations will bring all the way from $1.50 to $3 per doz. "Roosevelt" will be very popular, and such as Crane, Lawson, Mrs. Jas. Dean, etc., etc., promise to go quickly. The prettiest carnation on the New York market at present is one named "Goethe"; it is a delicate pink color and is sure to be popular everywhere. Scotts seemed to have degenerated terribly. Joost is a prime favorite on account of its stiff stem and good color, and most important of all—its keeping quality. White carnations are becoming less important to the retail trade; it is necessary to always have a few on hand, but money is lost on them more often than gained. Ordinary grades of carnations will sell at 75c to $1 per doz.

Orchids will be few. Cattleya Percivaliana is too small for the American trade; the people are accustomed to seeing an abundance of the larger varieties. Of course it fills up a gap in the season but the same price cannot be expected for it; they will probably bring from $7.50 to $9 per doz. Cypripedium insigne will retail at $2.50 to $3. Lily of the valley was remarkably scarce the past month and brought tremendous prices, so high in fact that many refused to consider it. All bulb stock promises to be plentiful for Christmas, and you can sell valley at $1.50 to $2 per bunch of 25; Roman hyacinths, $1 a bunch; 75c for paper white narcissus; jonquils, $1 and $1.50. Violets are the most troublesome flower in the whole business, and if you cannot get them good and sweet handle as few as possible; they will bring from $3 to $5 per 100. Poinsettias from 50c to 75c each.

A great deal could be written on cut flowers for Christmas. It is easy to throw away your profits by reckless buying or the careless way of putting them up. The florist doing any kind of a prosperous business should have a careful man specially detailed to care for the cut flowers, to keep them in good condition and hand them out as wanted. The salesman or "maker up" as a rule has no time, often less inclination to fix an upset vase of flowers; it is rush and grab at what catches the eye; a good man at your ice-box will earn ten times his wage.

A great deal of money is needlessly thrown away in the reckless use of greens; few people consider it right to charge them for stevia, mignonette or fern that is usually thrown in, but you cannot get it for nothing. Use appropriate greens, put nothing in the box that will not harmonize in the arrangement of flowers. We particularly refer to the custom pursued by many of slapping a bunch of common ferns into a box containing choice flowers.

Cut Flower Boxes.

As to the proper way of arranging flowers in a box first be careful of the size used, and secondly never cut out the end of a box unless in extreme cases; better reverse the flowers putting the stems under the heads of those placed in the opposite direction. Carnations and all bulbous stock is better bunched; scattered effects are troublesome and inartistic. When people open a box of flowers the first thought is of their beauty, the second on how to arrange them to keep; consider this when packing them. A spray of holly or mistletoe can be put in every box of flowers you send out from now until Christmas, and in many cases a neat calendar or card announcing your specialties for Christmas can be put with the holly at the bottom or end of each box of flowers.

The best cut flower box is white enameled paper with gold border, and for select customers the boxes for the Christmas day orders will be tied with berry red taffeta ribbon; a sprig of holly or mistletoe in the bow instead of inside the box; ribbon used for this purpose is cheap and you can afford it on anything over $5. You need not tie the ribbon crossways as you do cord unless it is narrow; across and a bow is sufficient with broad ribbon. First impressions is everything both as to outside and inside a box, and the contents are apt to be more appreciated if the exterior is attractive. When putting up lily of the valley, whether in ordinary bunch or corsage, cut the cord away and tie with No. 2 white or pale blue ribbon.

A New York florist has gotten up for sale a rather pretty idea for covering the handle of bouquets. These handle covers are made in colors to match the flower; they are shaped after the old kid finger, but are made of silk with a running ribbon string at the top; they are the best thing out for violets. We have always advocated the discarding of tinfoil on violets because it kills their fragrance; the best houses in New York use it no more; a silk tasseled cord is tied in a bow on the stems and the box is tied with silk cord or violet ribbon; violet colored tags to match. Gold braid is very popular this year and one florist ties his violets with it.

Ribbons will be much used; we don't mean in abundance, but more generally, and the principal reason is because there is an oversupply of white or dead colors in plants and flowers. The American flower buyer is not addicted to sensational glaring colors, but they have little use for pale, washed-out, funeral effects, hence in order to sell much of the stock offered it is necessary to enliven it by a bit of color.

Plants.

All the presentable flowering and small foliage plants in the neighborhood of New York city were sold to the retailers many weeks ago, and more plants will be offered this Christmas than ever before. There is nothing specially new in the stock, but in the arranging of it more care will be used, and many novel touches will be seen and appreciated. The American plant grower has yet much to learn. His supply of good stock is not equal to the demand. The plants this year are not as good as they might be, and the variety and quantity are both wanting. There is a future for those who will specialize on Christmas and Easter plants.

Well grown Ardisia crenulata is one of the best things to be offered in New York this time. Some very fine plants are on sale and when trimmed will bring from $3 to $10 each; they are put in red, green or white pot baskets with a cluster bow of baby red ribbon half way up or on top of the plant. Keep holly away from them for it only cheapens the effect. Small orange trees will be popular done up in green pot covers and trimmed with orange gauze or narrow taffeta ribbon; they will sell at $4 to $10; pans of dwarf poinsettias will sell quickly; plant a few small ferns or arrange a few sprays of holly on the top of the pans; you can rig up pot covers made of Princess pine or holly; need not use any ribbon on this plant; good bracts bring $1 each, small ones half that. Cyclamen, if well grown, will be good stock to have, and if it is poor use it up in basket work; they will retail at $1.50 to $2.50 trimmed. Azaleas of the Simon Mardner or Vervaeneana varieties will be offered, but we think they will go best in made up work; so will ericas and the few other things available.

Unless a plant is in first class condition better use it up in basket work. Hampers and flat baskets of plants will be a leading feature in every first class florist's store this Christmas. They can be arranged long before the day comes, and there is not so much risk with them as in cut flowers, and most often there is more profit and satisfaction derived from them. The one drawback is the cost of tin-lined baskets. Begonia Gloire de Lorraine will be a very pretty item this Christmas. The stock offered is very good. Plants in pans are the best and they can be sold just as they are or trimmed with ribbon; or put several in a low basket; they will not stand abuse, neither will any other plant, and their great beauty deserves recognition and care.

Dealers in baskets can well afford to stop the joke of annually visiting Europe for novelties. It will pay them better to study the requirements of the American market and manufacture home products to satisfy it; they cannot do it by purchasing abroad. They must sooner or later realize the fact that the present and the long future demands quality of plant, simplicity of trimmings. People do not go to a florist's store to buy baskets; flower or plant should, therefore, represent at least 75 per cent of what is offered.

Thorley this year is offering one of the prettiest and most sensible plant arrangements ever seen, and it would be well to offer it everywhere. A common plant pan is used; the most effective sizes are from 12 to 16-inch. In the center is a tall Dracaena terminalis, surrounding it are small kentias, arecas, Pandanus Veitchii, highly colored crotons, Dracaena Godseffiana, small ferns, selaginella, or anything that's bright and pretty. The plants are artistically arranged and put in to keep. The pan is heavily covered with paper and over this is put a broad ribbon tied with long streamer and short bow in front. Almost anything in the way of foliage or flowering plant can be so arranged, and if properly done will sell readily and at a good price.

Flat round baskets of primulas or cyclamens are good. Half open hampers of mixed or separate bulbous flowers will go well, too; plant the bulbs in clusters in wet moss. A well arranged basket or pan of Dutch bulbs will compare with anything you can get up. The baskets of plants will depend on how well you can make them appear at a small cost, and although almost anything can be used it is essential that some bright flower or plant occupy the center. Don't smother everything with ribbon, have just enough to put a festive touch to the design and be careful of the color. Crepe paper will not be used in first class trade this Christmas; better a clean pot than a mussed up paper cover, besides, the plant is often allowed to die for fear of spoiling the paper pot cover. If people don't see it around they will not ask for it; a painted pot, or as suggested above a simple wire frame covered with greens is prettiest and best. Fads like people die when abused.

Greens.

Don't be afraid to have plenty of greens about your store, and make it look as if a live man or woman reigned there. It is an easy and inexpensive matter to introduce some pretty form of exterior and interior decorations at your store; make them attractive; it pays to do so. Holly seems to be good, and if you have any left it can be used in many ways after Christmas. It requires an experienced hand to make a good holly wreath, and after all is said and done it is the best thing you can offer for window decorations. The wreaths sold in the best stores are made specially at a cost of from 75c to $1 each, and they retail at $2.50; they are worth it compared to the rif-raff bought in the market. Don't begrudge to pay for a good thing providing you can sell it at a profit, for first of all comes quality, and second cheapness. Make up whatever wreaths you require for special customers and let them see the difference in your work and that of others. Be careful of the delivery department, employ no careless help, be considerate, good-tempered. A merry and prosperous Christmas to all. Ivera.

CARNATION NOTES.

Holding the Flowers.

I know it is about as useless for me to ask you not to save up your carnation blooms for Christmas as it would be to ask you not to raise the temperature in your carnation houses in order to force more of them out. But I do want to caution you not to save them too long. Every Christmas there is a lot of saved up stock (or pickled stock as it is called) sent to the market the day before Christmas and it not only fails to bring good prices but it also causes general dissatisfaction and injures the florist business, while if it had been sent in a few days sooner it would have brought the grower at least fair and in many cases good returns.

The length of time one can preserve carnation blooms in good condition depends on the weather and how they are handled. If the weather is dark and cloudy you can stop picking most varieties ten days before you want to use them and it is best to allow them to develop pretty well on the plants and pick them a day or two before sending them in. But if the sun happens to come out brightly after the fourth or fifth day you had better pick them and send them to the market as the sun will make them soft if left on the plants and it is not good to keep them in the cellar too long. If the days are bright you had better not try to save them up longer than four or five days and pick them as soon as fully developed.

Most of the scarlets and many of the pink varieties will lose their brightness if left on the plants a day or two too long during sunny weather and so you must be careful. If picked before they begin to fade and placed in a half lighted cellar of 48 degrees they will usually keep their color and freshness for several days and increase about 30 per cent in size. And they will be in better condition to withstand the handling they usually get in shipping and on the retail counter than if they are left on the plants until the last hour.

Handling and Packing.

As much care and judgment is required in caring for the blooms after they are cut as is required in the growing of the blooms and if the growers would keep this in mind there would be more good and less poor stock sent into the market. Many a fine lot of blooms is practically ruined by careless handling and packing. If you have ever had many flowers shipped to you you have no doubt seen just such cases and if you are a shipper, your customers or your commission man may be able to tell you about it.

Most of the commission men insist on the growers bunching their carnations so they can be handled and counted quicker, and if they are packed properly so the blooms do not get crushed too much it is a good way for average stock. But if you have some extra fancy stock it will pay you and him much better to pack them singly and in layers. Do not pack one layer on top of another but rather put false bottoms into your boxes if they are too deep for one layer. Cleat them well so they cannot move around. Of course this may take more time and is more expensive as you cannot get as many blooms into a box, but the extra price your stock will bring will make it pay you well to do it.

Do not be afraid that your commission man will refuse your stock unless it is bunched; he will be only too glad to handle it (whatever way it may be packed) if it is really fine. In packing them you not only want to avoid bruising the petals but you also want to preserve their original form and above all that freshness which is usually so sadly lacking in shipped stock.

The above would have been more seasonable last week but it will reach you four days before Christmas and I hope at least partly serve its intended purpose.

Reports from various points indicate a shortage in carnations everywhere for Christmas, so handle yours right and I hope you will have a good cut for that day and consequently a Merry Christmas. A. F. J. Baur.

NEW CARNATIONS.

Registered by E. T. Grave, Richmond, Ind.—"Dorothy," color pink, Scott shade, flower large and symmetrical, built out nicely in center. Calyx strong, never bursts. Stems long and stiff, being well able to support its flower. A continuous and very free bloomer from early until late. An excellent keeper and shipper. Dorothy is a duplicate name of an old variety, but the above has been shown and advertised before being registered, and there being none of the former Dorothy grown at this date the name is

practically new. If growers of new carnations would register the names before giving them to the public duplication could be to a great extent at least avoided.

Registered by H. Weber & Son, Oakland, Md.—Norway, color pure white, a seedling of Mrs. Fisher. Flowers two and one-half to three and one-half inches in diameter. Stems long, strong and graceful. Delightfully fragrant and a good keeper and shipper. Splendid habit and of wonderfully vigorous growth.

Egypt, color a rich warm scarlet crimson, flowers averaging two and one half to three inches, with an exquisite spicy odor and borne on stems two and one-

House of Chrysanthemum F. B. Hayes.

half to three feet long. A continuous and free bloomer from Nov. 1 to 15 and for the balance of the season.

For the American Carnation Society, Albert M. Herr, Sec'y, Lancaster, Pa.

TO CARNATION RAISERS.

Mrs. J. Montgomery Sears offers through the Massachusetts Horticultural Society the following special prizes:

For the best seedling carnation originated subsequent to 1900, to be judged at three exhibitions in Horticultural Hall, Boston, in November, February and April (six blooms to be shown), and at three exhibitions in each November, February and April thereafter (twenty-five blooms to be shown), competition limited to the originators of the varieties exhibited and to continue until one variety has won first place consecutively throughout two seasons, a cash prize of $250.00, and for the variety having scored next nearest to the above requirements, to be awarded at the time the first prize is awarded, a cash prize of $100.00.

Judging to be according to the following scale and recognition to be accorded only to varieties scoring 85 or more points:

Fragrance	20
Color	20
Form	20
Size	20
Stem	15
Calyx	5
	100

The first competition under the above specifications will take place on the second day of the chrysanthemum exhibition at Boston, Nov. 6, 1901. For any further particulars address the chairman of the schedule committee, Wm. J. Stewart, Horticultural Hall, Boston, Mass.

ROSE NOTES.

Propagating.

The majority of the large growers started to propagate some time ago, yet there is ample time for the development of a good plant for planting in May and June if started from now up to the middle of February. I believe in early propagating so the plant may get well established in a 3 or 4-inch pot. Some growers say they plant roses from the propagating bench or from 2-inch pots and have good success. I have seen this done and have done it myself but I have invariably found that 3 to 4-inch stock gave the best results. In my opinion cuttings from the bench or which are just rooting through in a 2-inch pot have not substance enough to maintain their vitality when planted out. They cannot bring as many good flowers as the older and better established plants. In most cases they will make a good growth, Beauties in particular, but you will find the wood is softer and more liable to disease, and that the plants will require more careful attention.

It is of great importance to select only strong and healthy wood for cuttings. I like a heel cutting two or three eyes long for teas and two eyes for Beauties. It does not matter whether it is blooming wood or blind wood. Some hold that cuttings from blooming wood are the best. Well, yes, but why? Blooming wood is in most cases stronger and riper. If we select that of equal quality from the blind wood there will be no difference in the plants or their blooming qualities.

In the propagating house I think a temperature of 58 degrees on top and 5 degrees more in the sand is about right. Keep the air moist. Water well when needed. But do not syringe more than you have to, especially the Beauties. Our success with Beauties depends largely on retaining the foliage until the cuttings are rooted. It is also a disadvantage to have an excess of moisture in the house or to have the temperature of the sand too much above that of the house. Under such conditions moisture will accumulate on the under sides of the leaves with unpleasant results. We always try to avoid having our plants in this condition and we should surely be just as careful of the cuttings.

As soon as the cuttings are rooted they should be potted and placed close to the light in a temperate house. After they are rooted through they ought to be gradually hardened and at no time have the growth forced. Give plenty of air so they can grow into sturdy plants.

The Christmas Crop.

Do not try to cook out a few extra flowers for Christmas by giving the plants all the heat you can. It may mean an extra dollar for you now but by the middle of January you will wish you had not done so.

Our commission men are making their usual talk about pickling flowers, though it is said that the growers do not practice it to the same extent as in years past. This last is certainly true, but at the same time the grower has learned considerable about keeping the flowers in good condition, and he is satisfied as to the necessity of storing some. How else would it be possible for him to send in the extra quantity that the commission man expects him to send in for the holidays?

M. STAUCH.

SULPHURING FOR MILDEW.

What is the best and safest way to produce sulphur fumes to kill mildew in a rose house heated by hot water? With ordinary firing the pipes do not get hot enough to give off fumes, although they have been covered with a good coat of lime and sulphur wash. The various sulphur solutions are objectionable in that they discolor the foliage no matter how clear they look before you put them on. I have tried to melt sulphur on a coal oil stove but it will ignite and injure the plants.

A. D.

If the heating pipes in the rose house are "covered with a good coat of lime and sulphur wash" one would expect fumes enough for all ordinary purposes, though it is considered better practice to mix the sulphur with linseed oil rather than lime, and it is usually only found needful to paint a comparatively small area of the piping with this mixture—strong sulphur fumes are decidedly dangerous to vegetation, and if no other injury results the color of the flowers will suffer. The melting of sulphur on an oil stove would seem to be heroic treatment to most rose growers, and can hardly be recommended for the abolition of mildew.

W. H. TAPLIN.

CHRYSANTHEMUM F. B. HAYES.

We present herewith an engraving from a photograph taken Nov. 25, of a house of chrysanthemum F. B. Hayes, grown by William Sim, Cliftondale, Mass. This crop was cut for Thanksgiving, but Mr. Sim says it can be brought in later by growing cooler.

The color of the flower is pink and it is a good seller, the flowers having been on the market only a few days when the entire house was cut. The plants were set 6x8 and three flowers were grown to a plant. The plants were 2½ feet in height.

MISCELLANEOUS SEASONABLE HINTS.

Christmas Deliveries.

By the time these notes reach the reader you will be so busy with the Christmas rush that little heed will be given to trade papers. Let me just remind you that it is necessary to apply all the system you possibly can in the few days that we have to crowd a week's good work into one day.

Have your Saturday's, Sunday's, Monday's and Christmas day's deliveries each by themselves. As soon as sold a plant can be placed in either of these groups and as soon as the rush of each day is over the plants that are to be delivered in the morning can be wrapped and tagged and fixed up with more or less frills all ready for the wagons or delivery boys. Delivering in good order is a very important part of our business, and after growing the plant and selling it, to have a failure at the last moment is most distressing. We have all had our experience with thick-headed delivery men, but we often tax their thinking powers too much on these occasions, that are altogether out of the ordinary.

We find the only safe plan is to have at least the name on every parcel that goes out. Supposing Mrs. Green has three plants, the name and full address should be on one and on the tag the names of the other articles, and on the other articles should be Mrs. Green's name. It is the only safe way on these occasions and that will save numerous calls to the telephone to hear the old cry: "Your man delivered one plant here, but I bought two."

Christmas cleans up much stuff and you find yourself with room to spare and you need it.

Lilies.

Put your Japan longiflorums into a night temperature of 60 degrees and keep them there. A little more heat will not hurt if they need it, but never lower the temperature. Bermuda bulbs are usually more forward and may do with a little less heat. Easter is fairly early and there is little fear of your lilies being too early.

The greenfly must be watched or rather it must be prevented. Smoking is good, but it takes a lot of it to reach down in the thick crown of leaves. The handiest and most perfect implement to apply a tobacco spray is the "Stevens Spray Pump." It is a most simple contrivance, but does its work to perfection, and I would not be without it for five times its cost. It will send a light spray of diluted nicotine down where the fly loves to dwell.

Tulips and Daffodils.

After Christmas you can get in tulips and Von Sions, for they will force then with safety and make good flowers. Still all through January and most of February the tulips want a strong heat. Unlike the lily of the valley, which make no roots and want a cool top with great heat, the tulips and narcissus don't want their roots roasted, and must have a moist top heat of at least 80 degrees for the first few batches. Few houses are kept at this temperature, but you can always inclose a portion of a side bench and they must be also shaded with thin boards, but chee-cloth is better. Don't attempt any of the double varieties of tulips; you don't need them.

Crimson Ramblers.

It will also be time to start the Crimson Rambler roses. Those you lifted from the ground are possibly now in a temperature of 45 degrees. If the wood has kept plump you are all right. Tying into the desired forms or shapes should be done at once. We tried several forms last year, but prefer the canes tied around four or five stakes spirally. The thicker the growth and more abundant the flowers the more attractive they are and the least room they take up. Don't keep them in anything higher than 50 degrees for the first month. In that temperature they will break.

If you grew any of these plants in pots all summer and have them resting in cold-frames you can also bring them in and start in a temperature of 45 degrees. These force with the greatest ease. It is a well known fact that these roses as well as Hybrid Perpetuals have a much better color than when forced in much heat, so begin at once and syringe frequently. I want to say that the Ramblers need scarcely any pruning; only the lateral growths can be cut back to two or three eyes and the very ends of the canes can be shortened to where you think the eyes are strong enough to give flowers.

American Beauty.

I have often remarked that American Beauty was one of the best forcing roses. We have a few hundred for this purpose and hope you have. Cut them down to four or five good eyes and start at once in the same house with the Ramblers. These are lifted plants and must be started cool, and when they first break you would think the growth was coming blind, but every growth will finish with a bud. Last year we lost several hundred of these because we let them get a zero night in a cold-frame. If they had been grown in pots all summer and the wood ripe, hard frost would not have hurt them, but a plant grown inside and lifted in early November is in no condition to stand frost even if they are a hardy plant, and so we live and learn to the end of our days. Wm. Scott.

PALM NOTES.

The palm keeps increasing in public favor, and it is now so largely grown in this country that importations have nearly ceased. Home grown palms are always the most satisfactory and a few hints on growing palms may not be out of place.

The seed bed should be prepared as soon as you have notice that your seeds are shipped. I like a bed with a good bottom heat. Have a bench well boarded up on all sides, using four-inch boards for the bench bottom, and place these so there is a small space between each of them. Have the heating pipes below well divided. On the bench put a layer of about two inches of sphagnum moss, moisten it and beat it down well, giving it an even surface. On the moss put a layer of fine sand and then commence to spread your seeds, as soon as they arrive.

Never allow the seeds to lay around for days or weeks, but put them in at once. They should not be exposed to the air. I once saw a fine lot of kentia seed lay in a shed for more than a month. The seeds were afterward put in the bed and probably had proper treatment there, but very few germinated and, of course, the dealer who sold the seed was blamed. After your seeds are nicely spread put a layer of moss on top and upon this another inch and a half of the same fine sand as before. Keep moist and maintain a steady bottom heat. By this method I find that any seed that has life in it will come.

As soon as the young plants commence to show and the first leaf is out, pull them up and pot into a two-inch pot. I prefer the deep rose pot, as a palm root goes deep down from the seed and should have room. I find the growth is always stronger in the deep pot than in the ordinary shallow ones. Pot deep, but never break off the seed, for it is still the life of the plant. On a kentia the seed will remain for several years, while on the latania and areca it comes off in a short time. The seed bed I have described is good for most of the palm seeds.

Cocos Weddeliana I prefer to sow in pots, as the cocos does not transplant very well. If the main root is damaged the plant will always be a poor one. I like a rather stiff but not too heavy soil for potting.

In summer, of course, give the plants a good shading, but on this matter I will speak later. Next week I will say something about growing the seedlings of different palms into specimen plants.

E. R. Taych.

DRACAENA CANES.

What is the best mode of starting canes of dracaenas into growth? Is it best to leave the canes in long sections as they are imported or will they furnish more plants if cut into smaller pieces before laying them in the propagating bed? And what temperature should they be kept in? I have generally buried the whole canes but often got only one or two shoots to start out of one cane. A. D.

Provided that the dracaena canes are fresh, plump, and in good condition generally, there is no necessity for cutting them into short sections before laying them in the propagating bed, and as a matter of fact the weight of argument is against such a proceeding on account of the additional number of cut surfaces that are exposed to decay.

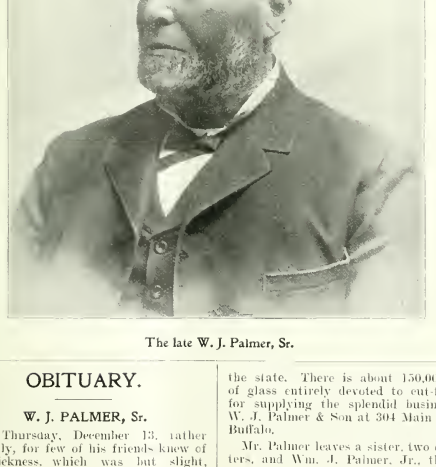
A bench in the greenhouse in which a bottom heat of 75 to 80 degrees can be maintained is a proper place for this operation, and the bench should be covered with a mixture of sand and sphagnum moss to a depth of 3 inches, this material being pressed down firmly and the canes laid upon it in regular order, and to economize space need not be more

than an inch apart. Enough of the same material (or even pure sand will answer) should then be spread over the canes to barely cover them, and the whole planting be thoroughly watered.

A combination of heat and moisture forms the most necessary condition for starting the dracaena canes into growth, though the growth may be irregular even then, and after the first few shoots have been taken off do not discard the canes unless they are decayed, for the buds may continue to start into growth successively for a year or more. W. H. TAPLIN.

greenhouse, adding to the establishment house after house up to the year 1880. When this locality, now the beautiful part of our park system known as the Circle, became valuable property, Mr. Palmer moved his entire plant to Lancaster, Erie county, N. Y., where he had previously bought several acres, and erected some large houses.

The establishment at Lancaster, close to the Erie Railroad station, is well known to many of the leading florists of the country and has grown to be one of the largest flower producing places of



The late W. J. Palmer, Sr.

OBITUARY.

W. J. PALMER, Sr.

On Thursday, December 13, rather suddenly, for few of his friends knew of his sickness, which was but slight, passed away the patriarch of the Buffalo florists, Mr. W. J. Palmer. Though Mr. Palmer had passed through a severe illness some two years ago we all considered him a hale and hearty man and the news of his death on Thursday morning was a great shock to us all.

Mr. Palmer was born in Cheltenham, Gloster, England, in 1835, being at the time of his death in his 66th year. This was getting near the allotted span of man's life but for all that he was of such a robust and cheery nature that we looked for his companionship for many years to come. In 1854 he landed in America and came at once to Buffalo, shortly after engaging as gardener to Mr. Porter Thompson, who had a fine garden with conservatories and grapery at Niagara St. and Porter Avenue. The fine old stone mansion is now a landmark of Buffalo's early days. In 1860 Mr. Palmer bought a few city lots on 13th and 14th streets and erected a the state. There is about 150,000 feet of glass entirely devoted to cut-flowers for supplying the splendid business of W. J. Palmer & Son at 304 Main street, Buffalo.

Mr. Palmer leaves a sister, two daughters, and Wm. J. Palmer, Jr., the son who has so ably conducted the store end of the business for the past ten years. Mr. Palmer was a widower for more than thirty years. His devoted sister filled the place of mother to his young family and he was a kind and indulgent father and for his sacrifice and devotion to his children he has been rewarded with their utmost love and adoration. The purest domestic bliss was all theirs. Until within a few days of his death Mr. Palmer was active, conducting the management of his large growing establishment. He took few vacations; a trip to the land of his birth some eight or nine years ago was all we can remember in his busy life and whenever a few of us visited Lancaster we found the veteran busy with his charge, which I am sure he always delighted to be with. Though Mr. Palmer had built up a most lucrative business and was reaping the reward of an energetic and industrious life, he still kept in the harness. He could have taken a lot of ease or idleness but chose to busy himself with his roses and violets and ladies. Perhaps this is as it should be, for what occupation could be found more pleasant to engage both mind and body in in his declining years as the care of living, breathing conditions, his life-long friends, the plants and flowers of his love and delight.

Few survivors in the business have been actively engaged in the retail trade for over forty years as was Mr. Palmer and it was always a treat to catch him in a reminiscent mood. He could tell you what a business he did in verbenas away back in war times when they brought $1.50 a dozen. When the first beginning of the design business started with a primitive wreath made of tuberoses and double white primroses tied to a wire or ring of rattan. When no piece would be acceptable unless it contained a liberal lot of camellias. Before carnations were thought of under glass. He could interest you when relating the gradual but marvelous growth of the business and the introduction of many things that seem now indispensable. When we feared no lilies of the valley or lilies of any kind. When there was no smilax; no tulips or Roman hyacinths. When a bouquet was made as formal as a clock dial and a basket of flowers contained as many species as a botanical garden. When if your La Marque or Solfaterre rose was in crop you had roses and if they were not you went without roses. All these and many others would be talked over and laughed over and related so graphically, for our lamented friend could give it the true ring of experience.

Mr. Palmer delighted in his business. With the early and thorough training of a gardener he followed it with enthusiasm and kept ever well abreast of the times. By his integrity and industry he had been most successful as a business man. He was respected and honored by all classes of the community who knew him. No other man of our ranks could leave such a gap. The florists of the country who knew W. J. Palmer, and they are legion, will join us in our sympathy for the bereaved friends and in our sorrow, for we have lost a whole-souled, honest, able man and the fraternity at large has lost one of its best and most substantial members.

The funeral services were held at the residence of his son on Sunday afternoon and was largely attended and amongst the many mourners were nearly all the florists of the city. Many beautiful floral offerings, among which was a large wreath of lilies of the valley from the Florists' Club, surrounded the remains, which were laid to rest in the family lot in Forest Lawn cemetery—no more beautiful spot on earth for friends to visit where their loved ones repose in everlasting sleep.

WILLIAM SCOTT.

BELLEFONTAINE, O.—A public beauty club has been organized here, having in view the beautifying of the city by the planting of flowering plants in the parks, school lawns, church yards, etc. G. M. Odor is president.

THE REVIEW wants your want adv. and will insert it at the rate of one cent a word per issue.

VINES.

Under the title "Live Covers for Country Homes" the Experiment Station at New Brunswick, N. J., recently issued in its bulletin No. 144 a great deal of useful information regarding vines, prepared by Prof. Byron D. Halsted, the botanist and horticulturist of the station. The matter was very freely illustrated and we are pleased to be able to reproduce in the Review some of the illustrations and a portion of the printed matter.

List of Vines.

From a somewhat extended correspondence with the various experiment station botanists and horticulturists upon the subject in hand, and to all of whom my thanks are generously extended, the following list of plants grown as house covers has been developed. The number of times a plant has been favorably mentioned is shown by the figure following the name:

1. American ivy (Parthenocissus quinquefolia L.), 20.
2. Climbing roses (Rosa sp.), 14.
3. Trumpet creeper (Tecoma radicans Juss.), 13.
4. Honeysuckles (Lonicera sp.), 13.
5. Chinese wistaria (Wistaria Chinensis DC.), 12.
6. Japanese ivy (Parthenocissus tricuspidata Seib. & Zucc.), 10.
7. Virgin's bower (Clematis Virginiana L.), 9.
8. False Bitter-sweet (Celastrus scandens L.), 8.
9. Jackman's clematis (Clematis Jackmani Jack,), 7.
10. Clematis paniculata Thunb., 6.
11. Clematis, 5.
12. Dutchman's pipe (Aristolochia macrophylla Lam.), 5.
13. English ivy (Hedera Helix L.), 4.
14. Wild grape (Vitis sp.), 4.
15. Aristolochia, 4.
16. Akebia (Akebia quinita Decne.), 4.
17. Passiflora, 3.
18. Hop (Humulus Lupulus L.), 3.
19. Bignonia, 3.
20. Matrimony vine (Lycium barbarum L.), 2.
21. Clematis ligusticifolia Nutt., 2.
22. Moonseed (Menispermum Canadense L.), 2.
23. Silk vine (Periploca graeca L.), 2.
24. Solanum jasminoides Paxt., 2.
25. Ipomœa, 2.
26. Jessamine, 2.
27. Chili jessamine, 2.

The Setting of Vines.

In the first place, no matter what plants are to be grown, they demand a good preparation of the soil. Many think it is only a small matter to "stick out a vine," and it can be done at any odd time and in any sort of a way, and here is where the greatest number of failures occur. If the same vine with the same care (or lack of it) had been set in a field or along the fence, it would have been more apt to grow. The side of the wall is the place of all others that is not already prepared to receive the plant that is to climb, and this is emphatically true with new walls where the material, instead of being earth, is a mixture of mortar and brick, ashes, lath and plaster, in short, the refuse of the building not yet subdued by time and enriched by the overgrowth of grass. Remove all such rubbish by the bushel and in its place supply a mixture of rich soil and good manure. Into this favorable soil place the well-rooted vine as carefully as one would set a young orchard or vineyard plant. The writer has done all this and then forgotten one requisite and failure resulted. The plant is peculiarly exposed and needs a guard placed around it, or it will get pulled up, trodden down or otherwise destroyed. Water is occasionally needed, and the stems sometimes require aid in getting hold of the wall, if an ivy, or the support that must be provided for it. Remember that as yet the vine is small, weak and tender.

* * *

The Japanese Ivy.

For strictly ornamental purposes upon stone or brick there is perhaps nothing in our state that surpasses or even equals the Japanese ivy or Boston ivy (Parthenocissus tricuspidata Sieb. and Zucc.), the Ampelopsis Veitchii of the gardeners. It is a native of China and Japan and was introduced into this country in the latter half of the century, and particularly in and around Boston, Mass., where the writer first became familiar with it, nearly thirty years ago. It is a rapid grower and a remarkably close clinger by means of its many disc, and, with its handsome, deeply-angled, rich green leaves, it quickly covers a wall with an attractive mantle of foliage. The young stems, closely applied to the brick or stone with their nearly sessile leaves, regularly and alternately disposed, is perhaps more attractive than the older stems with their large leaves hanging out with glossy blades tipped downward as so many loose, live shingles to shed the water and catch the sun. As the season advances the foliage catches the tints of the aurora and sometimes producing a wealth of purple and gold that is charming to see. Individual plants differ materially in this respect, and some will hold to green and the dark-wood tints until the leaves fall, while others get the brightness of the oriole quite early in the autumn. It is likely that soil and situation may have much to do with this, for when the ground is poor or dry and the vine is growing upon a fully sun-exposed wall the richest tints are often realized. This feature of rich coloration has been dwelled upon; but it is only the parting charm of a choice climbing decorative plant that merits a place on stone or brick wherever it can gain a root-hold in the soil. It is alike a decoration to the church and the residence, the school-house and other public buildings, and the stone pillar or archway entrance of the sleeping-place of the dead.

This plant has so many excellent qualities that it rapidly took a first place among our climbing vines, wherever its somewhat subtropical nature will permit it to survive. This is a very large country, and there is a wide range of climate between Maine, where Professor Munson states that the Japanese ivy "is not hardy save in the most southern part of the state or in protected localities," and Florida, from where Professor Rolfs writes, that "there is no good vine for brick walls." Even in Michigan the climate is not congenial, for Professor Taft writes me that "on College ground most of the plants kill back rapidly," while in Iowa, according to Professor Craig, "Japan ivy is not hardy." In Missouri, according to Professor Whitten, "it occasionally kills back in winter. It, however, quickly renews itself after being injured." Professor Green, of Minnesota, writes that "the Japanese ivy is quite tender here, and I know of only a few specimens in this section that are successfully grown." When the Pacific coast is reached, the Japanese ivy is again the favorite, and leads all others in some localities, according to Professors Shinn and Davy.

It has been shown that the best of vines for one locality is not the favorite everywhere. The Japanese ivy is highly effective for a considerable area from Massachusetts to Florida, but north of Ohio and beyond the Mississippi river, it is tender, and does not appear again in its beauty until the moist, even, soft climate of the Pacific coast is reached.

* * *

The American Ivy.

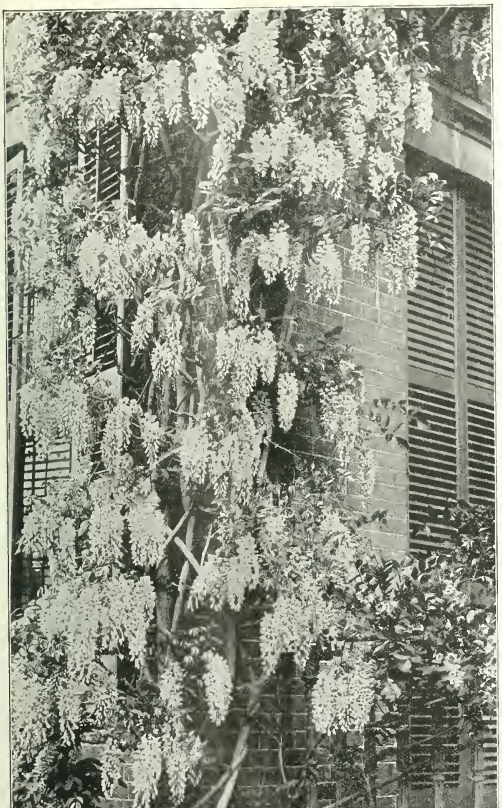
The American ivy, properly so-called (Parthenocissus quinquefolia L.), and perhaps as often known as the Virginia creeper, and erroneously "Woodbine," is very closely related to the species of the same genus from Japan and China above considered. This high-climbing vine of the grape family is native in the woodlands from "Quebec to Manitoba, Florida, Texas and Mexico," and therefore has accommodated itself to a wide range of climate from the cold northern regions to those of great heat.

* * *

The American ivy and the Japanese ivy stand at the head of the list of live covers for walls of brick or stone, in fact, any material other than wood. Each has its own peculiarities; the Japanese ivy is the closer clinger, and makes a cover in which the three-pointed leaves hang closely one over the other like shingles. To some it is so uniform that it is tiresome, and preference is given to the American ivy with its more irregular growth and festoons and garlands of foliage and berries. However this may be, the fact of its great tenderness of the Japanese species remains, and there is a large portion of our country where it cannot be grown at all, and there no choice remains between the two. This condition of things suggests the superior value that may reside in a hybrid between the two species in question, and the production of a form that will hold firmly to walls and with foliage that may be a happy combination of the compound "five-finger" of the American form and the deeply three-lobed leaf of the Japanese species. Attempts are now under way to obtain such a result and secure a form that has the hardiness that will permit its being grown in regions where the Japanese ivy is now excluded.

The Wistarias.

The Wistarias are somewhat different in type from any climbers that have thus far been considered. In the first place they are genuine twiners, that is, they turn around the object of support. Unlike the Japanese ivy, they do not make a smooth, green, leafy surface upon the wall, as if clipped even with a lawn mower, but have the opposite habit of exceedingly loose growth, and are at their best when producing great festoons along the cornice of the high house, with its stem, like a great sinuous rope, descending to the ground along the water-pipe. The Wistaria is nothing if it is not lofty and is scarcely beautiful until it can overflow the roof of house or piazza, or both, with its buckets full of pendulous lilac blooms in spring, followed by the great sprays and splashes of green later in the season. As if not satisfied with one bold attempt to surprise itself and all the



Portion of an Old Chinese Wistaria Vine in Bloom upon the Corner of a Brick House.

world with its giant clusters of pea-like blossoms it will intersperse minimized clusters in flowers with its wealth of great airy, far-reaching leaves in midsummer, and show that it is possible to do its blooming in a moderate and half unobtrusive way. In short, the Wistarias are the giants among the climbing plants, doing things on a grand scale, and needing space for doing it. It is a member of the pea family (Leguminosæ), and in fact, it makes a bean-stalk down which "Jack" could literally climb with safety, both to himself and the live rope-ladder of descent.

There are at least four known species of the Wistarias, of which one is native to this country and the others of Japan and China, the homes of this class of vines, where it is one of the leading features of oriental floriculture. The native species, Kraunhia frutescens (L.), grows in low grounds from Virginia to Florida, and then westward and northward to Louisiana and Kansas, clambering over trees and making stems several inches in diameter. With us the Chinese species is the Wistaria most generally seen as a live cover for homes and other buildings. The plants are somewhat slow and disappointing in the first two or three years of their youth, but when once well established the growth is rampant, often several feet in a month, and only heroic treatment with the pruning knife between each growing season will keep this climber within bounds.

There are two leading types differing chiefly in the color of the flower, namely, the lilac the more common color, and the white (alba) variety. Very good effects can be produced by twining a vine of each together along the piazza eaves and mixing the two colors, while others prefer to keep them somewhat separate, the one being for the house eaves and the other for the porch. There are dwarf forms that are suitable for low growth when such are desired.

In fruit the Wistarias are interesting, as the pods several inches in length hang like great ear-drops from the vine and may be attractively disposed over the entrance way to the house. In autumn, long after the American and Japanese vines have dropped their robes of royal purple and gold, the Wistaria carries the foliage of midsummer with a freshness that is in high contrast with the gray of neighboring trees and vines.

Correspondents have kindly answered the question, "Are the Wistarias used in your section satisfactory?" For Maine (Munson), Vermont (Waugh), Iowa (Craig), Minnesota (Green), North Dakota (Waldron), South Dakota (Hansen), Oregon (Lake), the reply is condensed in the one word—No. For the south generally, Texas (Price), Mississippi (Herrick), Alabama (Earle)—Yes. Professor Balmer writes: "In western Washington the Wistaria does well and is much used on porches and walls. It is very satisfactory. In the eastern part of the state it is very little seen. A lot of young plants in my nursery freeze to the ground each winter." In Wisconsin "they are used, but are satisfactory only in sheltered localities" (Goff). "Wistarias are occasionally used in Colorado, but are seldom satisfactory" (Crandall). For Michigan: "Many plants fail to flower" (Taft). "Wistarias are all exceedingly successful in California, especially the Japanese species. Sometimes they fruit quite heavily and have been known to grow from self-sown seed" (Shinn). "Wistarias in northern Florida rival the pictures of this plant representing it in Japan. It blooms profusely one year from time of setting out" (Rolfs). "The only plant I know of here is at the College, and is very satisfactory, and should be grown extensively," writes Professor Keffer, of New Mexico.

From these notes the impression is deepened that a vine perfectly at home in one locality may not thrive in another, and that there is much work to be done in widening the range of hardiness of choice species of climbing plants.

The Trumpet Creeper.

In a little family (Bignoniaceæ), including the catalpa, is the trumpet creeper (Tecoma radicans L.), a native of the moist woods from our state to Florida and Texas and westward to Illinois. This vine is easily classed with the wistarias in some of its habits of growth; but it climbs to the tops of tall buildings, holding fast by roots at the joints and hangs from the corners of the eaves in luxuriant festoons of loose, airy foliage. The young stems do not cling as firmly as the English ivy, and may, therefore, need some anchorage from time to time as it ascends a high wall. The trumpet creeper thrives well along with the wistaria, and their two shades of foliage green accentuate each other, and as the blooming is at different seasons, there is no clashing of the best floral effects. It does not flower until July and August,

and then the small clusters of long funnel-shaped, orange-yellow flowers bend down the tips of the out-reaching sprays of dark, shining midsummer green. It is a particularly good vine to work in with the Japanese ivy upon stone walls or angles in brick structures to give variety to the otherwise rather too plainly shorn cover produced by the ivy, but it may be trained upon wires for a piazza screen.

There is a Japanese trumpet creeper (Tecoma grandiflora Loi.) which has an unusually large flower, as the scientific name indicates. This is less inclined to climb than the first-named, and proves of value for low screens for the piazza.

In Bignonia capreolata (L.), the people of the south and the Pacific coast have a climber of considerable merit, a near relative and closely resembling our trumpet creeper.

The Clematises.

The genus Clematis, a member of the crowfoot family (Ranunculaceæ), is one that furnishes a number of the choicest climbing vines. Of the sorts native to our region of the country, none is perhaps better known than the Clematis Virginiana (L.), or Virgin's bower, found climbing over woodland bushes, along streams, generally north of the gulf states, delicate in stem and unobtrusive in flower and fruit, although the plumes of the latter, as met with in autumn, are perhaps the most attractive feature of the plant.

In the northwest the closely related Clematis ligusticifolia Nutt., is the favorite instead, and Professor Buffum places this at the head of the list of ornamental climbing vines for Wyoming.

Another small-flowered clematis is the C. paniculata Thunb., an exceedingly fine introduction from Japan that has rapidly become deservingly popular, because of its vigorous habit and profusion of small, sweet-scented white flowers that cover the plant with a sheet of bloom for several weeks, followed by the abundant light, airy plumes of the fruit that in maturing in autumn pass through very attractive shades of green, pink and brown.

The foliage is light, delicate and in strict accord with the fine bloom and fruit. The vines thrive well in the full sun, and when carefully pruned may be taken anywhere upon the porch, using wire netting to hold it in place and thus not detracting from the light, feathery nature of the vine in all its details.

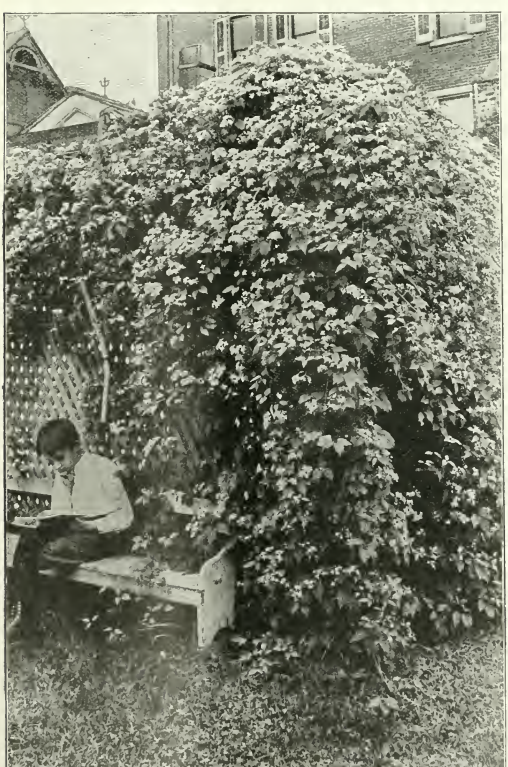
The large-flowered clematises are the most showy of all climbing plants, and, with their blooms, several inches across, overlapping each other upon a vigorous plant in June and July, the display is a source of mingled surprise and pleasure. These are hybrid varieties combining the blood of Clematis lanuginosa Lindl., and other species, as that of Clematis viticella (L.), in the C. Jackmani, which was originated in 1862 by Mr. George Jackman and still remains among the most popular of the hybrids and known by its velvety purple, large floral leaves, and central tuft of pale green stamens. The stems can be twined among the coarser vines like the American ivy, and be recognized as present only during the period of blooming, when it is the most attractive vine upon the trellis. There are many varieties and crosses of this hybrid, so that the list of forms and shades of color among the great flowered varieties is sufficiently long to satisfy the most fastidious.

Some of the pure white sorts are extremely attractive, as exemplified in the Clematis Henryi, a hybrid of C. florida var. Fortunei with the C. lanuginosa, the former a Japanese species and the latter from China.

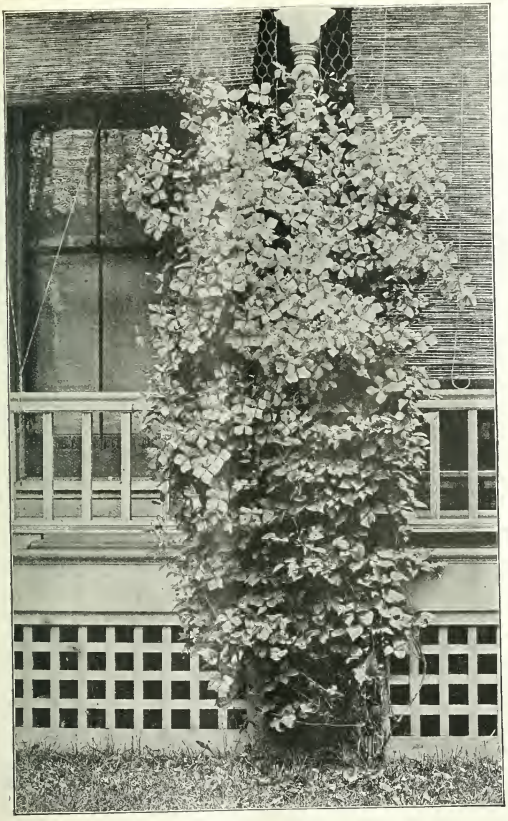
The number of species of clematis is large, thirty-two being described by Bailey, and as hybridization is easy and frequent among them, the list of floriculture varieties is almost endless. The clematis cerulea Lindl., is a Japanese species with a charming blue or lilac color to the blooms, and with a long list of varieties in which mauve, purple, silver-gray and carmine-ribbed sepals are beautifully displayed.

Mention should be made of Clematis Viorna (L.), and particularly its variety, coccinea, with the medium-sized, urn-shaped flowers of a scarlet hue, and therefore quite a distinct type from any that have been mentioned, and wonderfully effective when worked upon wire screen along the piazza, alone, or in connection with the fine, snowy paniculata or the blanket of azure, purple, or even pure white, of the large-flowered hybrids of the lanuginosa type.

With us the various kinds of clematis named above are hardy and in every way to be recommended. From elsewhere some notes are of interest. Professor Earle states that "C. Jackmani succeeds in Alabama only in shaded situations," and "when protected it is fine," writes Professor Rane, for New Hampshire, while for Colorado, Professor Crandall reports that "Hybrids of the Jackman class are used to some extent and bloom freely, but they require winter protection. It is the usual practice to lay the plants down and cover with



A Clematis Paniculata used as a Screen Cover for a Rear Portion of the House.



Young Plant of Jackman Clematis upon Wire Trellis.

earth or straw." For Iowa, Professor Craig writes that "it succeeds with winter protection." "The Jackman class are not so hardy as the others in Missouri" (Whitten). The suggestion from the above and other notes is that a hardy, large flowered clematis is needed for the more severe portions of our country.

The Clematis Paniculata likewise is not safe in many localities. Professor Taft, of Michigan, writes that "it is a favorite, but last winter all our plants died." Professor Craig reports it "not hardy in Iowa," and Professor Rane that "it dies back but makes a fine growth yearly" in New Hampshire. The paniculata needs some infusion of a hardy blood, as for example, that of C. ligusticifolia, for the region centering around Colorado, and of C. Virginiana for northern New England and the states bordering upon the great lakes. In a genus where crossing has done so much to improve these charming piazza vines, it seems probable that by similar methods the range of hardiness can be extended by the wide-awake and thoughtful hybridizer.

The Honeysuckles.

There are many species of the honeysuckles, all members of the genus Lonicera, grouped in a small family containing shrubs like the elderberry, snowball and snowberry, and herbs as horse-gentian and the delicate twin-flower (Linnæa borealis L.), a trailing plant, and the only one in all the world bearing at the front of its botanical name that of Linnæus, the "Father of Botany." Several of the honeysuckles are ornamental shrubs, but only the climbing kinds are to be considered here. There are a few native species and these may be met with in the thickets, clambering over bushes and trees, conspicuous for their large light leaves, in pairs, and the terminal clusters of long tubular flowers. The trumpet-honeysuckle (Lonicera sempervirens L.) is the chief one of this type in this connection. It is a strong grower with handsome foliage (evergreen in the south) and scarlet flowers two inches long produced through the summer. The Lonicera flava Sims, is a wild species of the southern states of the same type as the last, with large bright yellow flowers, and is good for twining about veranda posts.

The leading ornamental climber of the genus is Hall's Japanese honeysuckle (Lonicera Japonica Halleana), which is evergreen to a considerable degree, greatly increasing its value. This is a hardy vine in New Jersey, easily grown under almost all conditions, propagating itself by rooting at the joints when the stems are upon the ground, and with protection of straw, such prostrate branches hold their green leaves all winter. This vine is easily trained upon wire netting or single wires and bears an abundance of showy and very fragrant blossoms from June, when they are most profuse, to near the close of the growing season. The late holding of the foliage makes the Japanese honeysuckle a special favorite for the late autumn, when all other vines have lost their leaves, except the English ivy, if perchance this latter is able to grow at all.

The Woodbine (Lonicera Periclymenum L.) is a showy European species of merit with us.

There are golden-leaved honeysuckles, as the variety aurea reticulata, with yellow flowers and the foliage netted or variegated with yellow and a mixture of red. An occasional vine of these golden varieties may be tastefully disposed among the green-leaved sorts upon a veranda with pleasing effect.

Among my notes from correspondents upon the honeysuckles, it is gathered that as a whole these plants are generally used. While for Maine, Professor Munson writes, "The climbing honeysuckles are very seldom met with in this state;" and Professor Waugh, for Vermont, "not used at all;" Professor Earle states that in Alabama Lonicera Japonica "has escaped everywhere and is almost a troublesome weed." The writer recalls that the honeysuckles are very much used in the cities of Tacoma and Seattle, and Professor Shinn writes that for California "the climbing honeysuckles are much used." For Wyoming, according to Professor Buffum, "no climbing loniceras are in the state," while for Florida Professor Rolfs writes that "many species are grown and L. sempervirens is used extensively about the country homes—that is, on the plantations." "But few climbing honeysuckles do well in Minnesota and none hold their foliage in the winter" is the report from Professor Green. "They are used to a limited extent in Colorado, where it is necessary to take them down and cover them for the winter," as stated by Professor Crandall. Even in Michigan they are often injured (Taft), and for Iowa, "the Lonicera Halleana is not hardy" (Craig). The green foliage is held during some winters in Texas (Price) and also in North Carolina (Curran).

A Specimen of Rosa Multiflora Japonica upon Side of House, in Full Flower.

It is seen that there is a large part of the intercontinental region of our country where the climbing honeysuckles are not able to stand the severe climate, and here again thought should be turned to the question of supplying the much-needed honeysuckles for the homes in the middle states and the far west.

The Climbing Roses.

Little need be said by way of introduction to the "queen of flowers." Roses are always popular, and it is a pleasant fact that some of them are genuine climbers. Van Dyke, in his artistic introduction to nature, writes that "The wild rose—the common wild rose—growing along the woodland road unseen by the farmer's boy and the summer tourist [there are exceptions in the case of the former], is a vision of loveliness, beyond all descriptions. How many times it has led poets to prove the poverty of language! With the dew upon it in the early morning, it is the fairest, purest growth in all the floral world." Of the native species, the leading one of the climbing type is the prairie rose (Rosa setigera Michx.), found generally in the central or prairie region of our country. From it have sprung some of the choicest of climbing roses as the "Baltimore Belle," "Prairie Belle," "Queen of the Prairie," and later the "Crimson Rambler." They grow rapidly, will reach to great height, propagate freely, present a satisfactory foliage, and when in bloom the attractiveness of the vines is complete. In the plate is shown a specimen of Rosa multiflora Japonica in full bloom, trained upon a wire netting along the side of the house.

And yet roses are not at home in all parts of the country. In reply to the query, "Do climbing roses prove of value for piazza screens?" there is a "No!" for such states as Vermont, North Dakota and Wyoming. They need to be covered in Colorado, Minnesota and Wisconsin. Of the latter region, Professor Goff writes: "Last winter destroyed nearly all roses, except the Russian Rosa rugosa Thunb." A climber with the rugosa blood introduced into it may bring a hardiness of great value. In Washington, Professor Balmer writes that climbing roses upon the west side of the Cascade Range "grow to the tops of two-story houses, and all other roses are a great success in that moist climate, while upon the east side they do not thrive. * * * All freeze within a foot of the ground * * * owing to the unripe condition of the wood. * * * It is a case of too short a season."

For the far south and Pacific coast the roses are among the most successful of climbers. In a recent talk with a Floridian, it was gathered that the Marechal Neil, when budded upon the Cherokee rose (Rosa laevigata Michx.), climbs vigorously and blooms almost constantly. Professor Rolfe writes for the same state that "the Marechal Neil does so well and is so beautiful that it has no rivals." Of the extent to which climbing roses are used in California many are familiar, for they reach to the tops of the houses and bloom perpetually in many of the most congenial regions of that wonderfully diversified state.

In New Jersey there need be no lack of climbing roses, and when trained with honeysuckle and clematis, they give a satisfactory effect to the porch throughout the whole growing season. Think of a Crimson Rambler, as it may be easily produced alongside of almost any piazza. For the less favored regions combinations of blood might be made between hardy and other sorts resulting in the production of highly-prized hybrids.

The Pipe Vine.

The genus Aristolochia contains a considerable number of vines of interest. They are often called "Dutchman's pipes," because of the long flowers that are curiously bent into a form simulating that of a smoker's pipe. Several species are cultivated, among the foremost being Aristolochia macrophylla Lam., or the large-leaved Pipewort, as the name indicates. This is a twining vine with long, slender, green branches, bearing great heart-shaped leaves, suggestive of tropical luxuriance, affording a dense shade, and when properly trained upon the piazza is remarkably attractive and satisfactory. This species is native to the rich woods throughout the eastern central portion of the United States, and is worthy of much consideration for exterior house adornment.

In Vermont the Pipewort is one of the best climbers (Waugh). For Missouri, "where, on account of the long, hot summer, people live on their porches during a large part of the year, vines are appreciated more than almost any other plant as house covers. * * Among the best for this purpose is Aristolochia macrophylla Lam., which likes a north front, and Aristolochia tomentosa Sims., which is native to our

woods" (Whitten). For Connecticut, Professor Gulley writes: "We have no other climber that will make as dense a cover in a short time. As a porch screen I would rank the Aristolochia very high." It is commended by several others.

The Matrimony Vine.

There is an old-fashioned climbing shrub, with an expression different from all other plants in this class. With a strong liking for a trellis, it has no tendrils, or a twining or climbing habit, excepting that it is somewhat thorny. The stems are long, slender, leafy, and when brought up against a lattice will develop side shoots that produce pendant branches and a peculiarly soft and pleasing effect. The flowers are small, numerous, and followed by oblong scarlet berries that hang on late in the fall.

One of the pleasing characters of the Matrimony vine is its early leafage in spring, being green long before most other climbing plants awake, and the foliage is held very late in the autumn. The writer has one large vine of this Lycium barbarum (L.), upon his piazza, and enjoyed its comforting shade during some hot summer evenings while preparing this bulletin. The only objection to this vine is that it does not screen its larger stems upon the porch side unless the pendant branches are permitted to hang toward the house, but from the street the effect is one of grace, softness of texture and delicacy of coloring.

The Akebia.

In the Barberry family, in which we have as native only shrubs and herbs, there is a choice vine from Japan well worthy a place among our climbing plants. It is a rapid grower, and the leaves are prettily "five-fingered" like the American ivy; but borne upon stems having the delicacy of the clematis. The flowers are small, of two distinct sizes —the male (small) and female (large) —sweet-scented and these, and later, the fruit, are attractive from the porch side of the vine. The Akebia—its Japanese name—(Akebia quinita Dcene.) is one of the cleanest and most attractive of the more refined type of small vines, and adds a charm to any collection that may be selected for draping the piazza trellis.

The Moonseed.

We have a native vine quite closely related to the refined Akebia, the Moonseed (Menispermum Canadense L.) that grows in the woods, clambering over shrubs, throughout the eastern Atlantic region. The foliage is luxuriant and is a welcome addition to the list of ornamental climbers.

BOSTON.

Trade Conditions.

All is now serene. There is a very decent supply all around and a very decent call for about all of it at very decent prices. What is the use to kick under such conditions?

If anyone has a grievance it must be the bulb-goods man. His wares seem to be a bit over-plentiful perhaps. If anything else gets clogged very soon it will probably be the very best grades of roses in different colors. But with the "coming event" of Santa Claus "casting his shadow before," the grower looks very complacent. He expects some good sales at good round prices in the course of the next ten days.

But the potted plant men seem to look rather bewildered. Their goods do not ship city ward so fast as they wish and have not done so at any time this fall. They seem to be wondering what they had better do about it.

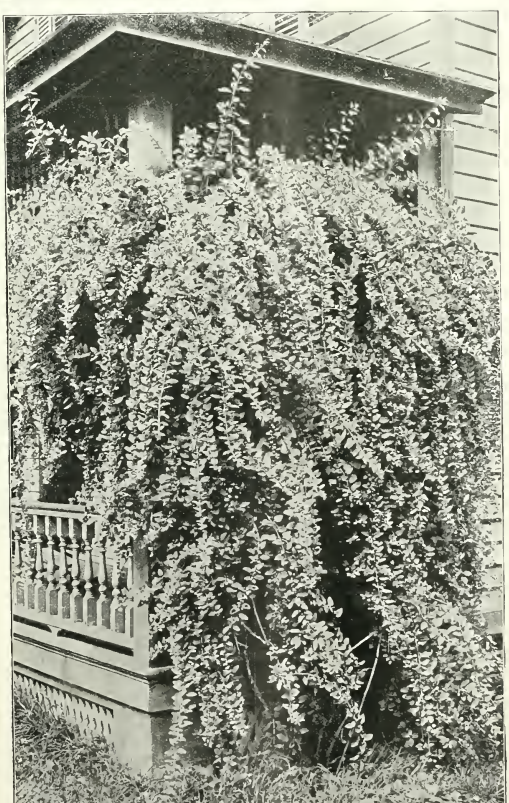
The wholesale stores are getting congested with supplies for Christmas. Holly is coming good and selling freely. There is more competition from the vegetable market men than usual, however, in obtaining orders.

Various Items.

J. J. McCormack is getting out cards to advertise himself a wholesale florist at 22 Hawley street. This will make 22-34-84 a good policy "gig" to play. If Welch Bros. should decide to occupy a [illegible] that street the "four of a kind" that formed would surely be hard to beat. The "hand" could put up a great "stiff," too, if necessary. I will not attempt to say whether they would be "jacks," "knaves" or "deuces," but each would surely be a "full house" whenever there is a great "deal" of a "cut" "raised" for their "trays," and "draw" many a "five spot" and "ten spot," in which case they will be "flush" whether "straight" or not. One of them must always "stand Pat," too. But I "pass." You may "call" this too "blind" and not be able to "see" it.

A Glimpse of Coburn Land.

I prophesy a rapid growth in the establishment of J. E. Coburn & Son, of Everett, Mass. This is their first season as commercial growers of cut flowers,



A Matrimony Vine in Flower and Showing the Long Pendant Sprays.

although their prowess in local vegetable traffic and enormous pansy plant business is well known. I imagine their acre of open ground put to table vegetable growth produces as much and as good material as any acre in the state. And I know it well, as it lies only a stone's throw from my window, and specimens of different products are almost always on my table. Their pansy plant trade now amounts to about 600,000 plants yearly, most of them being sold from teams in the street. Four acres of ground are utilized.

For their new wholesale venture they have erected a yet unfinished house about 200 feet long and a somewhat smaller one is now in process of construction, and a new office facilitates a growing home trade for which three older houses are well stocked, with house plants and innumerable slips, for next spring's wagon trade. They do not affect a costly style of build, but do build very substantially. An interesting experiment in connection with the house now building is that of using "creosoted" posts, obtained at the Malden rubber factory. They are white cedar into which creosote has been forced at a pressure of 200 pounds per square inch, each post taking up about six quarts of it in a thick liquid form. It is claimed to make them vastly superior in lasting quality at a very small expense. I should consider it an experiment well worthy of general trial.

My excuse for prophesying enlargement is the protected location of the plant, the particularly fine soil in the locality and the general makeup of the men composing the firm. Their carnation plants were too lately set to have produced very much yet, but for the most part are looking A1 and will be heard from later in the season. J. S. Manter.

CHICAGO.

The Market.

Advance orders for Christmas are unusually large and as the supply will probably not equal that of last year, at least in high grade stock, the present outlook is for more of a shortage than usual. The market is rather bare at present and many growers are undoubtedly storing up as much of their cut as they dare to, though in many cases they probably have little to store. The main shortage promises to be in choice shipping grades and it is quite likely that there may be more than enough of the overdone seconds and thirds when all the storage rooms are opened at the last moment.

Several large growers say there will be a fair supply of Beauties, but a shortage of Meteors and possibly of Maids. Carnations of the first grade will probably also be short in supply. Of the lower grades the supply will probably be as large as usual.

The effects of the warm autumn are not yet entirely overcome and though there is much stock of fine quality, that from growers whose cut usually averages about No. 2 will this season be apt to average about No. 3.

About the only things of which we can be certain of an abundant supply are Romans and paper white narcissus. Of these there will be plenty and the prices will be very reasonable.

One noticeable feature about the advance orders received is that they are almost uniformly for high grade stock, and there is no haggling about the price. If no seconds are to be used in shipping orders it will be apt to make a surplus of the seconds at the last for the local market to take care of, if there is any quantity of them to be placed.

Any grower who has stock stored would be wise to move it in pretty fast as quick as Christmas prices go into effect. Sunday will be the heaviest shipping day and a good deal will go out Friday and Saturday. Anything that is of shiping grade should reach the market by Sunday to enable the dealer to get best value for it.

Various Items.

The regular meeting of the Florists' Club will be held at the usual place tomorrow (Friday) evening. At this meeting the retailers will have an inning.

Fred Anderman, the former florist of Lake Forest, who was held at the Detention Hospital pending an inquiry as to his sanity has been pronounced sane and given his liberty.

The bowlers are keeping quiet till after the holiday rush is over.

Mrs. C. W. Pike, Racine, Wis., was a visitor last Tuesday.

BUFFALO.

Ten days of hard freezing weather has brought us to realize that Christmas is close at hand. And now I begin to think that we are going to have a soft time for our plant delivery. However much good sleighing may suit Santa Claus in his grand delivery, it is many dollars in our pockets if we can deliver a flowering plant without half a dozen sheets of wrapping paper around it. You occasionally meet a man or woman born in the Vermont hills who says: "Oh, yes, I like cold weather; it's seasonable." They say it because their grandmothers said it. It suits the retailer in all lines of business when you can walk the streets with comfort.

Buffalo hasn't been so gay with parties, balls and receptions for many years and as they are well divided we are all feeling satisfied.

It looks now as if Buffalo would be well supplied with plants of all kinds but flowers would be scarce and high. November was a dark, dreary month and anything but favorable for putting plants in shape for producing good flowers. Stores are decorating very generally, some most elaborately. Ground pine is exhausted. We haven't heard from a reliable source why the supply of this material is so short but did hear casually that the supply was giving out. If so something else will be found to take its place.

Holly is here in too great abundance. We give our order to the amiable drummer in June for so many cases at a certain price and when the middle of December comes we could buy it for at least one-third the price. If there were as many cases sent north as there are carloads now we could almost get along. The price realized after paying freight and commission will certainly make some of the shippers sick this year.

The death of W. J. Palmer, Sr., was a shock to us all. Elsewhere in your columns I have attempted to tell you what we all thought and what I knew of this solid, good natured, successful man. We all looked up to Mr. Palmer. A large gathering of the fraternity was held Saturday afternoon and it was decided to attend his funeral in a body. A committee consisting of W. Scott, D. B. Long, and W. A. Adams was appointed to draw up suitable resolutions of sympathy and condolence, have them engrossed and tendered to the family. At his funeral were many of Buffalo's foremost citizens and it was touching to see as honorary pall bearer the venerable Porter Thompson, Mr. Palmer's employer of 45 years ago.

There runs one trait in Mr. Palmer's character that I have not touched on elsewhere. When he dropped business he was as good natured and full of fun as a school boy. This is a trait that many of us could emulate to the comfort of our fellow beings. He brushed away the clouds that are always ready to hover between us and life's sunshine.

W. S.

BALTIMORE.

Trade and Personal Items.

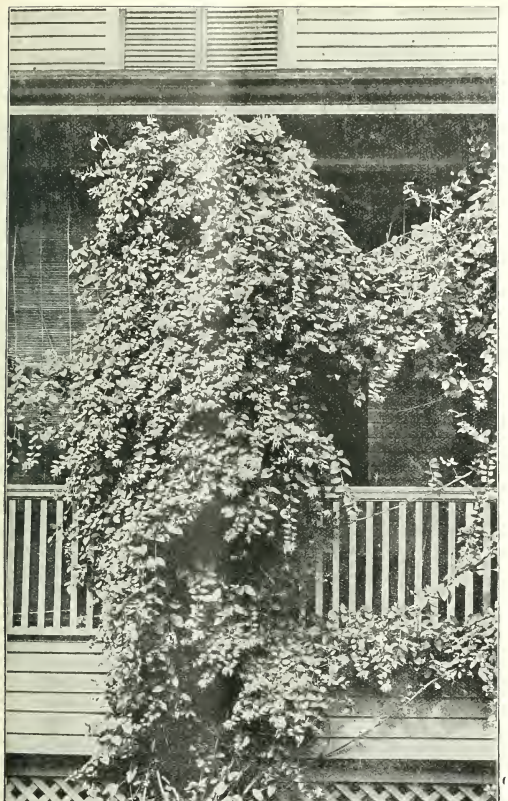
We have had our first touch of genuine winter, the thermometer falling to 15 degrees and 16 degrees for the past five nights, but the air has been crisp and invigorating, the skies the clearest, and the sun the brightest, so that it has so far been ideal weather for the production of flowers, at a time when every factor which makes towards the production of fine blooms is desired and availed of.

Good roses may be said to be scarce, but if there is a shortage of these, there is not likely to be of carnations, which promise to be abundant enough to supply the demand, though in most cases the quality is not of the highest grade. The market at this writing (Dec. 17) is practically bare of violets. Whether growers are holding their product for the end of the week, when Christmas prices will prevail, or there is a real scarcity, cannot just now be told. There is an insect enemy which seems to be doing much damage, and we hear of some growers who are abandoning the culture of this flower, discouraged by the pests, insectivorous and fungous, which infest it. A few days ago one of the savants from the State Agricultural Experiment Station was in the vicinity of this city experimenting with remedies to abate the ravages of the black aphis, but so far no public notice has been given of the success or lack of it, attending his tests.

The Liberty rose is making a reputation here which first appearances did not promise. Indeed, it is said that more than one of our growers, disappointed with its unpromising growth and apparent lack of vigor, had already discarded it, but its magnificent, fiery color, beautiful foliage and stiff, upright stems, all conspire to show that the new candidate, when well grown, is a sure winner amongst the popular favorites.

There have been an unusual number of social festivities during the past few weeks, and these, with some funerals, where the floral displays were large and handsome, have distributed a considerable amount of business throughout the trade.

Mr. Theodore Eckhardt, a well-known German gardener, who some years ago erected a large commercial place near this city, and who latterly has been the correspondent here of one of your contemporaries, has determined to return to Europe. Mr. Eckhardt is an accomplished, all round horticulturist, a man of agreeable address, and an effective and versatile writer, and it is to be regretted that he has not been able to suit himself with a position fitting to his abilities in this country.



A Chinese Honeysuckle Loosely Trained upon Piazza and Showing the Graceful Sprays of Blooms.

The friends of your correspondent, W. S., read with interest his auto-biographical sketch in the last Review, especially as the personality of one of his comrades and co-workers is not concealed, but rather revealed under the initials "A. S.," by which we recognize the efficient and accomplished manager of our Florists' Exchange. To those who know him, it is a matter of felicitation that the attempt of the "three old partners" to assist in the founding of another British Empire in Canada did not succeed, but that two at least "chose the better part," and betook themselves to the United States to grow up with the country, prospering as it has prospered, esteemed, by wide circles of friends, and both known at last, as they desired to become, as skillful and successful gardeners. RIX

PHILADELPHIA.

Business was lively for the first four days of last week. Then came two days of cold weather and the market weakened somewhat. This was due to the weather only in so far as it diminished transient trade. There were other causes. The debutantes were all launched on the social sea, and there was the usual quietness preceding the Christmas rush.

Beauties suffered most, the price falling away on the higher grades. Maids, on the contrary, held their own, as did carnations of good quality. In last week's report I appear to say that "Anything brought $2 a hundred," whereas I intended it to read that anything nice brought that price. Many ordinary flowers were then and still are sold for $1.50 a hundred.

The indications for Christmas point to a very large demand, a fair supply of first-class stock and a heavy supply of the lower grades unless the weather is adverse. In plants business has been active. The stores have large blocks of foliage plants in their conservatories and this week will receive many flowering plants. The indications are that we shall see a great blooming plant Christmas, almost a little Easter in fact.

Poinsettias and stevia, good old favorites, are being pushed to one side and azaleas, cyclamens, begonias and other choice bloomers are here in great shape. It is to be hoped for the sake of this class of stock that the weather proves favorable for the next ten days. Ten degrees above zero may be all right for handling cut flowers if you are careful, and for holly, but it is awfully risky for Gloire de Lorraine and the other plants in flower.

Hugh Graham has offered a reward of $50 for the capture of the person who damaged his glass and plants on Dec. 7. Such outrages are dastardly. It is to be hoped the perpetrator will be found and severely punished.

Best wishes to you all for a profitable Christmas business. PHIL.

ST. LOUIS.

Club Meeting.

The regular meeting of the St. Louis Florists' Club was held on Thursday, the 13th, and was the first meeting since the flower show. The show committee reported that there were enough funds on hand to pay all prizes, and they were ordered paid at once. The committee was continued until the next meeting to give them time to wind up all matters pertaining to the show.

Henry Johan of Collinsville, Ill., was elected a member.

N. Smith & Son, Adrian, Mich., had on exhibition their new late chrysanthemum Superba and was given a certificate of merit. E. W. Guy of Belleville, exhibited a fine vase of Marquis carnations and Dr. A. S. Halstedt showed a fine vase of well-grown mixed carnations.

F. W. Ude, Jr., and H. G. Ude, read their essays, one on "New Carnations," the other on "Violet Culture," and both were well received. Dr. Halstedt was not prepared to read his essay, but will have it ready for the next meeting.

The next meeting of the club, on Jan. 10, will be the annual carnation meeting, and growers of carnations are requested to send new varieties. The club has donated $10, divided into three prizes, for 50 blooms each. First, $5; second, $3; third, $2; open to local growers only.

The delinquent members were given one more month to pay their dues before being dropped from the rolls.

At the next meeting there will be three essays read, one by J. F. Ammann, one by F. C. Weber, and one by Dr. Halstedt. These with the carnation display should make a very interesting afternoon and everybody is invited regardless of membership.

The Market.

The past week the cut flower business was quite lively, especially with funeral work, and very little complaint was heard, and all seemed satisfied. The wholesalers all feel happy. They report

out-of-town orders more plentiful and business as a whole an improvement over last year. The retail stores look bright and pretty with lycopodium wreaths, holly wreaths, and other Christmas greens.

Stores with greenhouses have displayed fine pots of azaleas, poinsettias, cyclamen, stevia and primroses, with a fine collection of palms, ferns and other foliage plants. Carnations seem to be in good supply while violets are none too plentiful. Roses are not over-plentiful and the best bring from $4 to $8 per 100, Brides and Maids from Vesey and Kuhl being especially fine. Meteors seem off color and a great many buds are seen which are not salable. Beauties are very scarce, and will be from now on. The best bring $4 and $5 per dozen; short-stemmed roses from $2 down to 75 cents per dozen.

It looks like there will be an overproduction of Romans and paper whites as more of them are coming in every day than there is a demand for. Harrisii are very scarce. Growers about here don't seem to care to force them for Christmas. They would sell well just now. Callas are very scarce, too, and they also would sell well at this time of the year.

Carnations are selling better than ever and plenty of them are coming in. The demand at present is great and they bring from $1.50 to $4; only the fancy varieties bring the latter price. Good Daybreak, Scott, Flora Hill and other standard varieties sell at $2. California violets brought $1.25 for the best. Very few were sold below $1 per 100 and they are very scarce at that. Smilax has become scarce; very little is coming in and price is still $12.50 per 100 strings.

Notes.

W. E. Jordan, who was hurt recently in a street car accident, is up, but not well enough to come down town. Willie says not until after the first of the year.

Winfred Whitman, who was formerly with H. G. Berning, is now with Frank Ellis. Winfred is quite a hustler.

R. G. Mohr of the Missouri Botanical Garden will spend his Christmas at his home in Omaha and will leave for that place this week. J. J. B.

INDIANAPOLIS, IND.

Trade Notes.

Trade conditions here are about the same as last week. Good stock continues in good demand and the retailers report a good demand in all lines of flowers. The weather has lately been just the kind we need at this time, and if we can have a few inches of snow this week it would benefit the holiday trade a good deal. Everybody expects a good holiday business and all are preparing to meet a heavy demand. All available stock of good quality around here has been spoken for for some time and a few who were a little slow are hustling around trying to place their order somewhere. Shipped stock is seldom as satisfactory as home grown, and especially is this true at times when there is an unusual demand everywhere, such as Xmas and Easter.

Bertermann Bros. have a fine stock of plants to meet the holiday demands, and will no doubt do a large business as usual. Back of their store they have a conservatory which is at present a blaze of color. Besides a fine lot of azaleas, begonias and cyclamen, they have a grand lot of poinsettias, both in pans and on the bench, to cut from. There is no doubt about this being one of the best Xmas plants on account of its brilliant color, and those who take the trouble to handle them properly usually do well with them. This firm also has some handsome baskets filled with plants on which they did well last year. One can hardly overestimate the value of even a small greenhouse in connection with a store. Not only are they handy for storing decorative plants, but all kinds of plants can be kept so much better than in a dark storeroom. Those who have them can carry a much larger and better line of stock. Bertermanns' have theirs fitted up with electric lights and it shows up fine. They have recently purchased a lot of orchid plants and intend to use them more extensively in their high grade work.

John Rieman is usually busy with funeral work, and as a designer he is hard to beat. He handles a very high grade of stock, which is after all the most satisfactory.

A Merry Xmas to the Review and all its readers is the wish of A. B.

DENVER, COLO.

For several weeks we have had a beautiful run of weather, very summery indeed. Nearly every afternoon it's warm enough to give one that feeling to look out the door and expect to see the 'bus go by loaded with ball-players. I guess we all lean a little bit that way. Such weather may not be good for stock, but it certainly helps trade and if it will only continue till after Christmas everybody will be thankful.

There will be a shortage in cut flowers for Christmas. Beauties, perhaps, more so than anything else. Good teas will also be scarce. Carnations promise to go round, although reds may be scarce before the day is over. There will be enough violets, but very few really good ones. One or two growers promise mums. Holly and greens are going off well and greens bring a good price, owing to the shortage. It is pleasing to state that from advance sales it will be a plant Christmas, and the market is pretty well supplied. A few fine poinsettias are to be seen, although the sale on the plant has been heavy since Thanksgiving day. Other fine plants seen around the growers are azaleas, cyclamens, primulas and hyacinth pans.

In looking around I noticed a fine lot of lilacs being forced in by the Park Floral Co. Rocky.

GRAND RAPIDS, MICH.

The weather is cold, bright and sunshiny. The demand for carnations has been so active that it has caused an advance in the price; they will be in very short supply for Christmas. There will be plenty of roses mostly of good quality. There are a few Jerome Jones, Rieman, Murdock and Bonnaffon mums still to be seen at some of the greenhouses; they will help out on Christmas. Murdock is the best midseason and late pink mum we know of. There will be large quantities of Romans and paper white. The violet crop is remarkably short as a whole, all owing to the protracted hot weather in the fall, and even now it is hard to keep the temperature as low as required. An attempt to get in a house of Harrisii is a partial failure, only a portion will be in bloom. Judging from the immense quantity of holly on hand, besides other greens, it is expected vast quantities will be used in decorating. Brown's seed store alone has two carloads of holly besides wreathing, laurel, etc.

Funerals have been numerous, and prevented much if any pickling of stock for Christmas.

Prices: Roses, $2 to $3 per dozen; carnations, 75 cents to $1; Romans and paper whites, 75 cents; violets, 30 cents; mums, $1 to $2 per dozen.

The Grand Rapids Floral Co. have a nice supply of poinsettias and will hit it rich.

Aug. Rolker, of New York, was a visitor this week. G. F. C.

SOME NEW LABELS.

Mr. Daniel B. Long, Buffalo, N. Y., sends us some samples of new address cards or labels he has prepared for use on packages of cut flowers and plants to be shipped. On the label for cut flowers appears a rose in colors, the red and green being very natural. The rest of the matter, including the usual phrases, such as "Perishable," "This side up," "Keep from extreme heat or cold," etc., is printed in black and there are lines left for filling in the name and address.

Another label is for shipment of plants, and bears a pretty picture in colors of a pot geranium. Red and green are again used. There are lines for the address and in the letterpress in black appear lines reading: "Florists' greenhouse stock. Not subject to San Jose scale laws," and "Bill at special plant rates."

They are well gotten up and are sure to attract attention. They will no doubt prove generally useful.

THE BUFFALO BERRY.

Well berried branches of the Buffalo berry (sheperdia) have this year been added to the list of material for Christmas decorations, and they have taken well in the Chicago market. The berries are not so deep a scarlet as those of the holly but they are very showy, and the narrow leaves permit them to be very readily seen. While this berried shrub could not take the place of holly it will no doubt prove a welcome addition to our Christmas material if it can be put into the market every season in as good condition as this year.

The shrub is a native of the Western States and is hardy as far north as Dakota. It is a native that should receive more attention from the planter of hardy shrubs.

SCHOOL OF HORTICULTURE.

We have received a copy of the prospectus of the School of Practical Agriculture and Horticulture recently established at Briarcliff Manor, N. Y., and not long ago mentioned in these columns. Copies of the prospectus may be had by addressing Geo. T. Powell, Director Briarcliff Manor, N. Y.

SOCIETY OF AMERICAN FLORISTS.

Arthur Griffin, Newport, R. I., registers new rose "Freedom," a sport from "Liberty," identical with that variety in every respect except color, which is a bright rose; the reverse of petals deep rose. W. J. Stewart, Sec'y.

SAMUEL S. PENNOCK. Wholesale Florist

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

MULCHING: ITS USE AND ABUSE.

That mulching is a good and important detail in the culture of many crops and trees no one will deny, but I am afraid it has its evil effects also. The principle of mulching is liable to be misconstrued, and there is a likelihood of the system falling into evil repute among those who neglect or do not understand some of the details that go to make mulching an unqualified success. To those who well understand the principle of mulching and its advantages it will appear quite superfluous that I should attempt to explain here the details of practice and mention some of these advantages; but those who are beginners in horticultural pursuits—and they are a daily increasing body—will probably appreciate a few details, for there is more useful practice than that of systematic mulching.

What is mulching? is a question that the beginner may very well ask. It is the application of various substances as a covering to the soil above the roots of trees, plants, or vegetables to prevent or check evaporation, thus preserving, as far as possible, a uniform degree of heat and moisture in the soil. This indicates the broad principles of mulching. All recently transplanted trees and shrubs, ornamental or utilitarian, are greatly assisted by a mulching of decayed vegetable refuse or half-rotted manure. With a covering of either of these warmth and moisture is retained, and to newly planted trees this is of much consequence, as in their weakened state they are less able to withstand extremes of cold, heat, or drought. Especially to growing crops, like peas, for example, the conservation of moisture about the roots is much better than the artificial supply of water. A mulching of any material prevents sun and wind drying the surface soil to such an extent as to cause fissures to appear, and it is through such fissures the sun absorbs moisture from below, thus robbing the roots of one thing necessary to their well-being. For newly planted fruit trees and shrubs in soil that is heavy, and therefore retentive of moisture, half-decayed horse manure is the most suitable mulch, but for light, sandy soil freshly collected manure from the stable or cow shed is the most valuable.

For kitchen garden crops any non-conducting material, such as straw, cocoanut fibre refuse, decayed vegetable refuse, or even grass, is advantageous in the absence of manure. The evil in connection with mulching established crops in the kitchen-garden, like peas, is deferring too long the application of the mulch. It is useless waiting until drought has laid the foundation of mildew fungous and partly ruined the crop before attempting to arrest its progress or prevent its inception. Early mulching is a good system to follow, whether the weather is excessively dry or not; it will undoubtedly be wanted. In connection with newly planted fruit trees I wish especially to notice the bad practice of applying a mulch in November and allowing it to remain until it has decayed. When the soil is of a heavy character it is naturally cold in the spring, owing to its retention of moisture. The mulching material keeps the soil still cold by intercepting the warming influence of the sun, and in this way the soil remains cold and is not at all favorable to early root action. By moving the manure to one side from off the space where the roots are, when warm, dry weather sets in in April, and leaving it off until the soil has become tolerably dry on the surface, the sun's warmth will penetrate to the roots more quickly, inciting them into action.

There is still one other point to guard against—that of leaving the material off too long, thus allowing the soil to become over dry and so neutralizing the good effect of mulching.—E. Molyneux, in Gardeners' Magazine.

HARTFORD, CONN.—The Hartford Florists' Club was organized Dec. 11 with officers as follows: President, T. J. McRonalds; vice-president, W. W. Hunt; treasurer, D. A. Spear; secretary, J. F. Coombs; trustees, John Coombs, George Osborn and G. W. McClunie, with the four officers. A committee on by-laws was appointed to report at the next meeting, which President McRonalds will call.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

FOR SALE.

Smilax, from flats.....30c per 100; $2.50 per 1000
" from 2-inch pots.....$1.00 per 100
100 Mignonette Plants (Allen's Defiance), mostly in bud.....3c each; $2.50 per 100
Cyperus Gracilis, 4-inch.....75c per doz.
Tomato Plants, pot grown, Beauty and Lorillard, ready January 1st, 1901.

MRS. GRISWOLD, - Worthington, Ohio.

Mention The Review when you write.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—First class grower of roses, bulbs, violets and general line of cut flowers, desires position; A1 references from former and present employer for ability and sobriety; near Philadelphia preferred; state wages and particulars. Address Grower, Burmont, Del. Co., Pa.

SITUATION WANTED—By a first class grower of roses and general stock; single, under age, can take charge, good reference; state wages without board. Address Chicago, care of Florists' Review.

SITUATION WANTED—By first class gardener, married, in private place; expert in growing roses, carnations, mums and general greenhouse plants; best references from Germany, Holland, Switzerland and this country; Pennsylvania preferred. Address Penn, care of Florists' Review.

WANTED—Reliable, competent grower on commercial place. Steady employment for right man. State experience, wages, etc. Central Greenhouses, Sandusky, O.

WANTED—A first class man for propagating and grafting roses. Bassett & Washburn, Hinsdale, Illinois.

FOR SALE—Return bend coil boiler, with grate-bars, door and frame; will heat 3,000 feet of glass. Geo. Staffinger, Springville, N. Y.

SITUATION WANTED—Young man, age 22, wants situation with English or Scotch florist, at store or greenhouse work; good salesman and designer; best of references; moderate wages. Address A. Y., care of Florists' Review.

SITUATION WANTED—By an all-round grower of roses, carnations and violets; competent to take charge; state wages and full particulars. Address C. A. L., 509 S. Laurel St., Richmond, Va.

NOVELTIES OF CHRYSANTHEMUMS, CARNATIONS, CANNAS and GERANIUMS, our

SPECIALTY

Preliminary List Now Ready. Free to All Applicants.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

KANSAS CITY, MO.

The Market.

A visit to several of the leading establishments revealed the fact that there is going to be a decided scarcity in most all kinds of flowers for Christmas and wholesale prices have already advanced 20 per cent more than a year ago. The retailers are wondering where the supply is coming from and consequently a little cautious about booking large orders.

We have had no signs of winter here yet and the weather during the past two weeks has been anything but favorable for the growers. Albert Barbee is on good terms with himself as all his stock with the exception of carnations is coming on in full crop for the holidays. His Brides and Maids are grand—cannot be beat. All florists visiting his place can now smoke at Mr. Barbee's expense. He has also a bunch of fine azaleas.

Trade in the past two weeks has been a little disappointing and not nearly enough funeral stock to please Arthur Newell.

Notes.

Timothy Noll has left the city and engaged in business for himself at Joplin, Mo., a thriving mining town where he ought to do well. Percy Beachenburg, an aristocratic looking young man in the employ of Mr. Geo. M. Kellogg, was in town last week telling us how to grow eight-foot Beauties. Mr. Beachenburg says the houses built last summer are all right, and when he becomes thoroughly familiar with our climatic changes, thinks he has a remedy that will prevent a shortage of stock at this important time of the year.

W. C. Lodder, of Hamilton, Ohio, bound for the Pacific coast, was a visitor last week. Mr. Lodder is in search of good health and recuperated so rapidly while here and was so well impressed with Kansas City, that he promised to return this way, and tell us of things horticultural of California. H. J. M.

GOVERNMENT SEEDS.

Washington.—The lowest bidder for the contract of furnishing seeds for congressional distribution during the fiscal year 1902 received by the Agricultural Department was the New York Market Gardeners' Association, at $101,975. The other estimates submitted were:

Henry Phillips Seed and Implement Company, Toledo, Ohio	$113,065
California Seed Growers' Company, San Francisco	118,000
Ullathorne Seed Company, Memphis, Tenn.	119,957
E. J. Weatherly, Chicago	119,765
Germain Seed and Plant Company, Los Angeles	122,000
Sioux City Seed and Nursery Company	130,000
J. L. Schiller, New York	150,000

West Brookfield, Mass. — Samuel Wass, formerly of the firm of Wass & Brown, florists, has filed a petition in bankruptcy. The liabilities amount to $2,697.93, with no assets.

Hamilton, Ont.—The Robert Evans Seed Company, Limited, has been incorporated with a capital stock of $50,000. The directors include R. C. Steele and S. E. Briggs, of Toronto, and James W. Hogg, of this city.

IT WILL BE to your advantage to mention The Florists' Review every time you write an advertiser.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale Ill
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists, Consignments Solicited.
41 Randolph St. CHICAGO.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
WE ARE LARGE GROWERS AND SHIPPERS OF CUT FLOWERS.
ALL THE NEW VARIETIES.
...YOUR BUSINESS SOLICITED....
59 Wabash Avenue, CHICAGO.
WHOLESALE FLORISTS
Mention The Review when you write.

A. H. POEHLMANN,
Wholesale grower of and dealer in
CUT FLOWERS.
55 and 57 Wabash Ave., CHICAGO, ILL.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H.G.Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1402 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write.

KENNICOTT BROS. CO.

42-44 E. Randolph St. CHICAGO, ILL.

Whatever you need in the cut flower line will be found here at Christmas, if it is to be had anywhere, and billed to you at market rates, the following quotations being subject to change without notice:

CHRISTMAS PRICES.

	Per 100.
Gontier and Meteor	$12.00 to $18.00
Maids, Brides	10.00 to 15.00
Perles	8.00 to 12.00
Roses, good seconds	8.00
Carnations	3.00 to 4.50
" fancy	5.00 to 6.00
" extra fancy	7.00
Romans	3.00 to 3.50
Narcissus	3.00 to 3.50
Valley	4.00 to 5.00
Violets	2.00 to 2.50
Smilax, per doz.,	1.50 to 1.80
Asparagus, per string,	.65 to .75
Adiantum, per 100,	1.00 to 1.25
Common Ferns, per 100, 25c; per 1000,	1.50
Leucothoe, per 100,	1.00
Galax, per 100, 20c; per 1000,	1.50
Mahonia Leaves, per 100,	1.00
Chrysanthemums at market rates.	

AMERICAN BEAUTY will be more than SCARCE, ALSO METEOR. But KLEHM'S NURSERY promises a fine cut of fancy Gontier this year, good color and long stems. **WE WILL DO OUR BEST ON ALL ORDERS.**

Mahonia Leaves are the best selling green on the market for Xmas. You can order them from any wholesale firm; they can get them from us, $1.00 per 100.

We look for a fair supply of Stock for Christmas, but can't say that anything will be plentiful; so order early and have Stock reserved.

A Word to the Growers of Carnations. We have sold the cut of **IRENE**, a pink carnation, and consider it one of the best commercial sorts we have ever handled. **We are now booking orders for Cuttings.** Place your orders **NOW.**

$1.50 per dozen, $10.00 per 100, $75.00 per 1000.

Mention The Review when you write.

PRICES ON BEAUTIES.

Don't order Beauty unless you read these prices.

36-inch	$12.00 to $13.50 per doz.
30 "	9.00 to 10.00 "
24 "	8.00 to 9.00 "
20 "	6.00 to 7.00 "
15 "	4.00 to 5.00 "
Short stock, 8 to 12-inch,	2.00 to 3.00 "

150,000 STOCK PLANTS and ROOTED CUTTINGS

NOW READY FOR IMMEDIATE DELIVERY AT POPULAR PRICES.

ROSES, Brides, Bridesmaids, Meteor, Perle, Kaiserin and Golden Gate, big strong rooted cuttings, $1.50 per 100; $12.50 per 1000. Any quantity from now on.

CARNATIONS, strong healthy cuttings, well rooted, in any quantity, embracing the 25 best novelties in cultivation. See our list and prices.

GERANIUMS, Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. J. M. Gaar, Mme. Jauliu, Frances Perkins and other varieties, strong 2½-inch plants, $2.50 per 100; $22.50 per 1000. Strong rooted cuttings of above, ready for 2½-inch pots, $1.50 per 100; $15.00 per 1000. All kinds mixed, $1.25 per 100; $10.00 per 1000. Rose Geraniums, rooted cuttings, $1.00 per 100.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $5.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¼-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

PETUNIAS, double fringed, Henderson's and Dreer's latest sorts, including Blue, White, Fawn, Mrs. Sander and Pink Perfection. Large rooted cuttings, ready for 2½-inch pots, $1.25 per 100 by mail; $10.00 per 1000 by express. Pure white only, $1.50 per 100.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2½-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2¼-in., ready for 3-inch, $2.00 per 100, (special).

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.; $100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.

COCOS WEDDELIANA.

1 plant,	3-inch pot,	12 inches high	$ 25.00 per 100
3 "	5 "	18 "	$1.00 each, 100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.; $ 35.00 per 100
6 "	6 "	24 "	15.00 " 125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.; $35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each, 12.00 per doz.
6 "	5 to 6 "	30 "	1.25 " 15.00 "
8 "	6 "	36 to 40 "	3.00 " 36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.**

TRY US.

BRANT & NOE 124-128 Sixth Street N.

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LAUREL FESTOONING
Best in the market.
5c to 6c per yard.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.

Boston Ferns TRUE TO NAME.

Small plants from bench, $1.00 per 100.
7,000 2-in. " 2.00 "
4,000 3-in. " 4.00 "

Let us grow your large ferns for next summer and fall delivery. Our prices are surprisingly low. Write us. **DAVIS BROS., Morrison, Ill.**

Mention The Review when you write.

500,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

POSES for Spring Blooming—The proper sorts—Clothilde Soupert, Gen'l Jacqueminot, La France, Coquette des Blanches, Coquette des Alps, etc., fine one and two year field-grown plants that have never been forced, suitable for 5-in. pots, at 5c. Also some extra strong suitable for 6 or 8-in. pots, at 9c. Large flowered Clematis for forcing, Purple, White and Lavender sorts, from 5-in. pots, 15c. Also some one year field-grown at a low figure. Clematis Paniculata, fine three year plants, 10c; fine two year, 8c. Packing free for cash. Have also some second hand 5 and 4 in. pipe to offer cheap.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

SEND FOR OUR 1901 CATALOGUE.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

MADISON, N. J.

The regular meeting of Morris County Gardeners and Florists was held in Masonic Hall on Wednesday last, President Duckham in the chair.

The treasurer reported all matters in connection with the recent show settled and the proceeds showed a slight advance upon the previous year. A letter was read from F. G. Laeverenz thanking the society on behalf of the Galveston Florists for the hearty way in which their cause had been advocated and the substantial results that had followed.

Election of officers was the chief order of business and resulted in the re-election of President Duckham, Secretary Atkins and Treasurer Charlton. J. Davies of Morristown, being the successful candidate in the vice-presidential contest. The president in an earnest speech requested the hearty support of the members in making the coming year even more fruitful of good results than the past had been.

He also told of some of the things he had seen during his recent European trip, referring specially to the chrysanthemums he saw in England. The best he saw were fully the equal of the best produced here, whilst he thought they had a much longer list of kinds that stood in the front rank of highest merit than we had here and not a few of them were well worthy of trial here. The new plants in the Sander establishment at St. Albans and the pot fruit trees at River's Sawbridgeworth nursery were also highly praised.

It was decided to have a "smoker" on the occasion of the regular January meeting. H.

CHESTNUT HILL, PA.

At the December meeting of the Chestnut Hill Horticultural Society the following officers were elected to serve for the ensuing year: President, John T. Morris; vice presidents, William Boyce, Alexander Stewart, Frank Gould, Fred Michell; treasurer, William H. Houston; executive council, Charles A. Knapp, Robert G. Carey, Hans Reuter, Charles W. Henry, Randal Morgan, Robert Le Boutillier, J. H. Humphreys.

The exhibits were of good quality and several premiums and certificates of merit were awarded, the winners being G. W. Brown, James Bell, M. Bunch, William Vander Ver, John Little, Frank Gould and Edwin Lonsdale.

Eleven applicants were admitted to membership, and the committee on the fall show reported all accounts and premiums paid and a small balance in the treasury. J. H. H.

CUT FLOWERS for the HOLIDAYS.

A full assortment of everything in season.

FIRST CLASS QUALITY AND AT REASONABLE PRICES.

Write us for Price-List.

BENTHEY & CO.

41 Randolph Street, - - CHICAGO.

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Burpee's Seeds Grow

F. B. HAYES THE BEST LATE PINK CHRYSANTHEMUM

Stock plants for sale. $2.00 per doz., $15.00 per 100.

WILLIAM SIM.....Cliftondale, Mass.

Hardy Pinks

Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.

Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 86 W. 12th St., HOLLAND, MICH.

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"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

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If you need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of one cent a word.

Having personally inspected our stock we claim to have the finest lot of

AMERICAN BEAUTIES FOR XMAS

ever offered in this market. Our "long," which we quote at $12 per dozen, measure from 36 to 48 inches, are stiff-stemmed and well covered with dark green foliage. Do you want some of them? We shall have a large supply of Beauties from 15 to 24 inches. We have booked a great many orders but will have some to spare. If your wholesaler cannot fill your order, try us.

Of tea roses Meteors will be very scarce, and Maids will also be short of the demand. On Brides and Perles we expect to fill all orders.

We shall be well fixed on Carnations, but red will be scarce; you had better think twice before taking orders for them. All other stock we shall have in quantity. Write, telegraph or telephone your order today.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago,

32-34-36 Randolph St., CHICAGO.

Long Distance 'Phone 1977 Central.
PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

CHRISTMAS PRICE LIST.

	Per doz.
BEAUTIES.	
Long stem, 36 to 48 inches	$12.00
" 24 inches	10.00
" 20 inches	8.00
" 15 inches	6.00
" 12 inches	4.00
Short stem	$ 1.50 to 2.00
ROSES.	Per 100
Brides	$12.00 to $15.00
Meteors and Maids	15.00 to 18.00
Perles	10.00 to 12.00
Roses, good seconds	6.00 to 8.00
CARNATIONS.	
Standard sorts	$4.00 to $5.00
Fancy	6.00 to 7.00
Fancy, red	8.00
MISCELLANEOUS.	
Valley	$4.00 to $5.00
Paper Whites	4.00 to 5.00
Romans	3.00 to 4.00
Violets	2.00 to 3.00
Stevia	1.50 to 2.00
Callas	1.50 to 2.50
Mignonette	.50 to .60
DECORATIVE.	
Asparagus, per string	$ .75
Galax, green, 10,000 for $7.50; per 1000, $1.00	per 100, .15
" bronze, per 1000, $1.50	" .20
Ferns, per 1000, $1.50	" .20
Leucothoe Sprays	" .75
Adiantum	$1.00 to 1.25
Smilax	per doz. 1.50 to 2.00
Wild Smilax, parlor brand, per case,	**$3.25**
" **medium** "	**4.25**
" **large** "	**5.50**

Quotations are for good selected stock. Extra selected charged for accordingly value.

All Other Flowers in Season.

Beginning Thursday, Dec. 20, to Christmas, including Sunday, Dec. 23, our store will be open until 9 p. m.

Headquarters for CHRISTMAS GOODS.

Holly, XXX	per case,	$5.00
" 10 case lots or more	"	4.50
" best quality	"	4.00
" 10 case lots or more	"	3.50
Holly Wreaths, single	per 100,	10.00
" double	"	15.00
Mistletoe, small boxes, $1.50 to		2.00
Colored Capes	per pound,	1.50
White Capes	per pound, 75c and	1.00
Colored Grasses	" $1.00 and	2.00
Wild Smilax	large case,	5.50
"	small case,	3.00
Immortelles	per doz. bunches,	3.00
"	per 100 bunches,	22.00

WM. F. KASTING,

481 Washington St.,

BUFFALO, N. Y.

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Shooing Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

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NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100.
" for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil, Floribunda,** to arrive shortly, will be cheerfully given by

F. W. O. SCHMITZ, Jersey City, N. J.

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Primroses.

1000 Chinese Mix, 2-inch pots	per 100,	**$1.00**
Asparagus Sprengeri	"	**2.00**
Alternanthera, red and yellow, Feb. 1	"	**2.00**
Ageratum, blue, Feb. 1	"	**2.00**
Geraniums, our selection	"	**3.00**

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

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LETTUCE, Big Boston and Boston Market, and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE, Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

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PELARGONIUMS.

Rooted Cuttings, good varieties, named, $2.00 per 100; Heliotrope R. C., 14 varieties, 40c per 100, $3.00 per 1000; Petunias dble., good varieties, $1.25 per 100; Giant Alyssum, $1.00 per 100. Verbena R. C., 35 varieties, 60c per 100; $5.00 per 1000. Coleus R. C., 30 varieties, 60c per 100; $5.00 per 1000. Satisfaction guaranteed. Cash with order. Express prepaid on all R. C., except Pelargoniums. Write

S. D. BRANT, - CLAY CENTER, KAN.

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THE Florists' Manual contains 200 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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ST. PAUL.

Various Items.

Thanksgiving trade was very good, there being a good demand for all cut flowers. Stock has been somewhat scarce and prices have ruled higher than for several years. Indications point to a big Christmas trade and every one is making preparations for the biggest trade on record. In cut flowers, roses and bulbous stock will be quite plentiful, while violets and carnations will fall short of the demand.

While there is an increased area of glass over last year, there is still a shortage of good stock, which leads us to remark that our growers are not growing the proper stock. If they would plant more carnations and fewer bedding plants, more specialties and less general stock, profits would be larger and much of the good money that now goes to Chicago would remain at home. However, preaching is easier than practice, and I will not sermonize more at present.

Christmas greens are very much in evidence on every hand. Bouquet green is very short in quantity, but of good quality. Holly appears to be of good quality and fairly plentiful. Mistletoe is apparently as popular as ever and every one seems to want a sprig or two at least, while many buy it by the pound.

One party here who carried over some green from last year seems to be making a good thing out of it. By carefully selecting and dyeing it, a very presentable festooning is made which sells readily.

L. L. May & Co. have a nice lot of Harrisii lilies and azaleas that will be just right for Christmas gifts.

Holm & Olsen are out with a brand new rig for delivering.

Haugen & Swansen had quite a bad freeze a few weeks since, which proved disastrous to several houses of violets.

All violets in this vicinity are late and will be scarce until after the holidays.

X. Y. Z.

Lawrence, Kans.—The infant daughter of J. E. Miller, the florist, died recently of congestion of the lungs.

Quincy, Ill.—Jos. F. Kroner has bought the greenhouse business of Ernst Maag and will continue same. The place contains about 3,500 feet of glass and Mr. Kroner intends to build another house in the spring.

Leominster, Mass.—J. H. Pickford has sold his greenhouse and is no longer in the business.

If you want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of one cent a word.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

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Queen Louise Carnation.

This new Carnation prodnces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

From photograph of Queen Louise.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00 per 100, $75.00 per 1000.**

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

100,000 R. C. Carnations Ready to Ship.

	Per 100	Per 1000
A. Mitting, 1901, light cream, 4-inch bloom	$10.00	
Mrs. A. Mitting, clear pink, fine, 1901,	10.00	
Master De Roo Mitting, 1904, hue white	10.00	$75.00
Mrs. Thos. W. Lawson	7.00	60.00
Olympia	5.00	40.00
Genevieve Lord	4.00	35.00
E. Crocker	4.00	35.00
Morning Glory, the coming Daybreak.	4.00	35.00
Mrs. G. M. Bradt	3.00	25.00
G. H. Crane	3.00	25.00

25 Cuttings at 100 rates. 250 at 1000 rates.

	Per 100	Per 1000
America	3.00	25.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.50	20.00
Gen. Gomez	2.00	15.00
White Cloud	1.50	12.50
Peru	3.00	25.00
Mrs. F. Joost	2.00	15.00
Flora Hill	1.50	12.00
Argyle	1.50	12.00
Daybreak	1.50	12.00
Wm. Scott	1.25	10.00
Armazindy	1.25	10.00

Cash or C. O. D.

THE MORRIS FLORAL CO. Morris, Ill.

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SURPLUS STOCK - MUST HAVE ROOM.

THIS OFFER FOR ONE WEEK ONLY.

Baby Primrose	(in flats) at $2.00 per 100.	**Vinca Variegated**	2½-in., at $2.50 per 100
" "	2-inch.. at 3.00 "	" "	3-in .. at 4.00 "
" "	2½-inch.. at 4.00 "	" "	3½-in .. at 8.00 "
		" "	4-in .. at 10.00 "
		" "	5-in .. at 15.00 "
		" "	Rooted Cuttings, at $10.00 per 1000; $1.25 per 100.

Send for list and prices of Plants and Rooted Cuttings.

Terms Cash or C. O. D.

Will exchange for Elm City and Phenomenal Fuchsia Stock Plants.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders. I'll make it worth the trouble of writing for prices now.

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

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THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

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CARNATIONS --- ROOTED CUTTINGS.

	Per 100	Per 1000
Gen. Gomez	$2.00	$18.00
Ethel Crocker	3.50	30.00
White Cloud	1.50	11.00
Flora Hill	1.25	10.00
William Scott	1.25	10.00
America	2.00	18.00
Melba	1.50	12.00
Glacier	1.50	12.00
Daybreak	1.50	12.00
Mrs. Bartlett	5.00	45.00
Mary Wood	2.00	18.00
Genevieve Lord	3.00	28.00
Morning Glory	5.00	45.00
Mrs. G. Bradt	2.50	22.00
Gen. Maceo	2.50	22.00
G. H. Crane	2.50	22.00

Ageratums—Cope's Pet, Lady Isabel, 50c per 100

CASH WITH ORDER.

H. E. MITTING, FT. DODGE GREENHOUSE CO.

Manager. FT. DODGE, Iowa.

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Genevieve Lord

The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants, New and Old Varieties. Write for prices.

H. WEBER & SONS, Oakland, Md.

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Orders Now Booked for ROOTED CUTTINGS of CARNATIONS.

CHICAGO CARNATION CO., Joliet, Ill.

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GENEVIEVE LORD

The peer of Pink Carnations. Orders taken now for Rooted Cuttings, ready for delivery after January 15. $5.00 per 100, $40.00 per 1000. Also

Perle Rose Cuttings,

$3.00 per 100, $25.00 per 1000.

J. F. AMMANN, Edwardsville, Ill.

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New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem, form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free; stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet-shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100.00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation. The winner of the Lawson Gold Medal in 1900. **$16.00** per 100, **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100; **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

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BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { **ROOSEVELT, $12 per 100, $100 per 1000.**
PROSPERITY, $16 per 100, $130 per 1000.

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PROSPERITY

The New Carnation known as No. 666 has been christened the above name and will be disseminated next March. For full particulars address

DAILLEDOUZE BROS., - - Flatbush, Brooklyn, N. Y.

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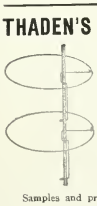
THADEN'S WIRE TENDRIL.



Pre-eminently adapted to Roses and Carnations on account of its Economy and other advantages.

With the Tendril, Roses, etc., may be trained to an upright position from the start.

The Tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be moved up or down the stakes. Easily put on and easily taken off; and are durable.

Samples and prices on application.

H. THADEN & CO.,

Florists and Seedsmen,

23 S. Broad St., ATLANTA, GA.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Geranium America!

A QUEEN AMONG GERANIUMS.

COLOR, from purest white to deepest rose.
DURABILITY, just right.
FLORIFEROUSNESS, astonishing:
Strong Plants, $8.00 per 100. 25 at 100 rate.
Ready now.

HENRY EICHHOLZ, - Waynesboro, Pa.

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PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $4.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,

199 Grant Avenue, Jersey City, N. J.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Cope's Pet and Lady Isabelle, rooted cuttings, 50c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratums. Stella Gurney, $4.00; Princess Pauline, $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices.
A. M. Herr, Lancaster, Pa.

Ageratums, blue, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Rooted cuttings. Red and yellow. 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, bright red, variegated and yellow, 60c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

A. nana, yellow; P. major, red; R. nana, pink, 50c per 100; $4.00 per 1,000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALYSSUM.

Rooted cuttings, $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Sweet alyssum, 60 cts. per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

ANTHERICUM.

Anthericum variegated, 3-in., fine stock ready for 4-in., $4.00 per 100. Cash.
Beach & Chessman, Richmond, Ind.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 6-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	5.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus Plumosus. Good stock, in 3-in. pots, $8.00 per 100; $70.00 per 1,000. 2-in. pots, suitable for ferneries, $5.00 per 100; $45.00 per 1,000. C. W. Cox, 2d and Bristol Sts., Philadelphia, Pa.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $3.50 per 100; $30.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.60 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus. Extra fine. To clear out, 3-in. pots, $6.00 per 100; $50.00 per 1,000.
Charles Zimmer, West Collingswood, N. J.

Plumosus and Sprengeri, out of 3-inch pots, $8 and $6 per 100. Cash. A No. 1 stock for the money. Geo. Just, Jacksonville, Fla.

A. Sprengeri, 2-in., $2.00 per 100. Special cash sale. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 3-in., strong, having 10 to 12 growths. Extra fine stock, $4.00 per 100. Cash.
Jacob A. Fries, Bethlehem, Pa.

A. Sprengeri, 3-in., $5.00, 4-in., $10.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo

Strong, 2¼ in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

A. Sprengeri, 2-in., $2.50 per 100. Cash.
Beach & Chessman, Richmond, Ind.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

White Azalea Indica, American grown, large crowns well set with buds, 6-in. pots, $4.00 and $6.00 per doz. C. Wm Gotthardt, 265 Winfield Ave., Jersey City, N. J.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BOUGAINVILLEA.

Bougainvillea glabra Sanderiana, extra fine, 4-in., $2.50, 5-in., $3.00 per doz. Michel Plant and Bulb Co., St. Louis, Mo.

BULBS.

	100	1,000
Dutch, Roman or Miniature Hyacinths, named	$1.60	$15.00
Narcissus, large, Von Sion, Poeticus Ornatus, Alba pleno odorata, Poeticus, Golden Sun, Jonquil Rugulosus, in equal proportions	50	4.00
Tulips, single, Chrysolora, D. de Parme, Cottage Maid, Joost V. Vondel, La Reine, Montresor, Rose Gris de Lin, Standard R. Silver, Yellow Prince	65.	6.00
Tulips, double, Duke of York, Gloria Solis, Imp. Rubrum, La Grandeur, Rex Rubrorum, Rose Blanche, Tournesol, Parrots any sort	.65	6.00
Mixed, all these single or double.	.55	5.00
Lil. Longiflorum. LAST CHANCE.		
5x7	1.50	12.00
7x9	2.75	25.00

25 at 100 rate; 250 at 1,000 rate H. H. Berger & Co., 47 Barclay St., New York.

Surplus at reduced prices. Japan Lilium longiflorum, 6 to 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberose and Caladium esculentum bulbs, extra crop, ready Dec. 15. Write for prices to Jno. F. Croom & Bro., Magnolia, N. C.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan bulbs. All kinds. Write for prices. Bobbink & Atkins, Rutherford, N. J.

CANNAS.

New Cannas. Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas Pennsylvania and Mrs. Kate Gray, also the cream of Crozy's most recent introductions, such as: Countess de Breteuil, Mme. Louis Druz, Souv. de Mme. Nardy, Chas. Molin, J. Aymard, C. Drevet and Mme. Alfred Blanc. In standard varieties we have a large stock of the following and other favorites: Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Egandale, etc. Nathan Smith & Son, Adrian, Mich.

CARNATIONS.

Fifteen per cent discount. We are booking orders for carnation rooted cuttings of the following varieties at a 15 per cent discount on all orders booked before January 1: Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $35.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Carnation Novelties. We are able to furnish any novelties not listed at introducers' prices and date of delivery. Prosperity (formerly known and exhibited as No. 666.) Winner of many ceritificates. $5.00 per doz.; $16.00 per 100. Gov. Roosevelt, brilliant maroon, $2.50 per doz.; $12.00 per 100. Norway, pure white, $1.50 per doz.; $10.00 per 100. Egypt, scarlet crimson, $1.50 per doz.; $10.00 per 100. Lorna, pure white, improved White Cloud, $2.00 per doz.; $10.00 per 100. Mermaid, salmon pink, $1.00 per doz.; $6.00 par 100. We shall have a complete line of the recent introductions, including Mrs. Lawson, Ethel Crocker, G. Lord, Morning Glory, The Marquis, etc. Also such standard sorts as: Flora Hill, G. H. Crane, White Cloud, Gen. Maceo, etc. Nathan Smith & Son, Adrian, Mich.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100; $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100; $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $130.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

Rooted cuttings. My stock is exceptionally free from disease and first-class in every particular. Buy now and get the best. Per 100: Genevieve Lord, $4.00; Ethel Crocker, $3.50; Morello, $2.00; Bradt, $2.50; White Cloud, $2.00; Jubilee, $1.75; Flora Hill, $1.50; Scott, $1.00; Tidal Wave, $1.00; Crane, $2.25. Wanted—Rex Begonias, Fuchsias, Boston Fern and Pteris tremula and young Rose stock, 3-inch. Will have rooted cuttings of all the leading Chrysanthemums later. F. Wm. Heckenkamp, Jr., Florist, Sixth and Adams Sts., Quincy, Ill.

Carnations—Lawson and Olympia, $6.00 per 100, $45.00 per 1000; Crane, America, Bradt, Pingree, Morning Glory and Glacier, $3.00 per 100, $25.00 per 1000; White Cloud, Jubilee, Maceo and Wood, $2.00 per 100, $17.50 per 1000; Daybreak, Triumph and Joost, $1.50 per 100, $12.50 per 1000; Scott, $1.00 per 100, $8.00 per 1000. Stock fine and healthy; cuttings well rooted. You will be pleased. W. J. & M. S. Vesey, Fort Wayne, Ind.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1,000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Dorothy, seeding pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $75.00 per 1,000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1,000.
E. T. Grave, Richmond, Ind.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 16, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Just 1,000 left. Rooted cuttings of Fisher carnation for summer blooming. Fine, strong stock at $9.00. In need of room. Max Herzog, 6957 Scanlon Ave., St. Louis, Mo.

Number 666 has been christened Prosperity and will be disseminated March, 1901. For full particulars address Dailledouze Bros., Flatbush, Brooklyn, N. Y.

Rooted carnation cuttings. Good stock; low prices. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co, Fort Dodge, Iowa.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Genevieve Lord. Orders taken now for rooted cuttings (Jan. 15th delivery) at $5.00 per 100; $40.00 per 1000. J. F. Ammann, Edwardsville, Ill.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $76.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

100,000 R. C. carnations, ready to ship. For varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

R. C. carnations, 25 choicest var... in cultivation. South Side Floral Co., Springfield, Ill.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

CHRISTMAS PLANTS.

500 dwarf solanum. Extra well berried, 4-in. pots, $15.00 per 100; $2.00 per doz. H. Tice, 390 George St., New Brunswick, N. J.

CHRYSANTHEMUMS.

Chrysanthemums. Our introduction: Iolantha, an early incurved pink, best yet produced. Omega, second early yellow of the V. Morel type. Mrs. Elmer D. Smith, a closely incurved Japanese variety; an improvement on Maj. Bonnaffon. All of the above have been certificated by the C. S. A. Price 50c each; $5 per doz.; $35.00 per 100. Ready April 1st, 1901. Eight New Pompons, possessing new forms and colors and including several light pinks that are very desirable. Argenta, Zenoit and Rosina are our three Mizpah Seedlings, pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class. Phallena (Double Mizpah); the above 25c each; $2.50 per doz. Ready April 1, 1901. We are also booking orders for Timothy Eaton, the sensation of the season. 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1, 1901. We can furnish all novelties that will be disseminated the coming season at introducers' prices. In European Novelties we have the following to offer. Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Walleroo, Miss May Manser, Mrs. Barkley, Mrs. Ritson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Annie Prevost, Sunset, Miss Alice Byron, Mdlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone; prices and descriptions on application. Tested Novelties of 1900, from 2 1-4-inch pots; ready February 1, 1901. Gold Mine, Col. D. Appleton, Orizaba, 10c each; $8.00 per 100. Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba and Walter Molatsch, 10c each; $6.00 per 100. Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose. Nathan Smith & Son, Adrian, Mich.

Chrysanthemum stock plants, in fine condition; packed with care; satisfaction guaranteed. Ivory, Fitzwygram, Robinson and 20 others, 5c each. Perrin, Iora, Constable, King and the early yellow Fitzwygram, 10c each. Mrs. Baer, Mlle. Faure and Chadwick, 15c each. Shilo and Xeno, 25c each. 10 per cent discount on all orders received before Jan. 1, and we prepay express on orders of $2.50 or more. We are booking orders now for Col. Appleton, Shilowa, Monrovia, Xeno and others at $6.00 per 100. Cottage Greenhouses, Litchfield, Ill.

Chrysanthemum stock plants: Mrs. Weeks, Queen, Jones, Chadwick, Merry Christmas, Pink Ivory, Mrs. Perrin, Maud Dean, Bonnaffon, Modesto, Golden Wedding, Maud Adams, Sunstone, Thornden, Mrs. Peirce, Blackhawk, G. W. Childs, etc., $1.00 per doz.; $7.00 per 100; our choice, $6.00 per 100. Silver Wedding, Shilowa, Mrs. Baer (Yellow Jones), Xeno and other recent introductions, $1.50 per doz. Harkett's Floral Nursery, Dubuque, Iowa.

Having secured a large block of the stock of the sensational chrysanthemum, Timothy Eaton, we are prepared to book orders for spring delivery. Order at once. Price, 50c each, $5.00 per doz., $30.00 per 100.
Col. D. Appleton, the finest yellow chrysanthemum ever introduced. Orders booked for spring delivery at $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Stock plants of mums, from bench, at $5.00 per 100; 75c per doz.: White—Ivory, Queen, J. Jones, Robinson, Merry Christmas, Niveus; yellow—Mrs. Buettner, Bonnaffon, Admiral Dewey, Nagoya, Mrs. Baer, Dailledouze, October Sunshine; pink—Ivory, Glory of Pacific, Lady Fairplay. Cash with order. H. Tice, 390 George St., New Brunswick, N. J.

Timothy Eaton, the sensational white mum of the decade, will be disseminated April 1, 1901. Price: 50c each, $5.00 per doz., $30.00 per 100. Strong plants guaranteed. The E. G. Hill Co., Richmond, Ind., and R. Craig & Son, Phila., Pa., joint owners in the U. S. Miller & Sons, Bracondale, Ont., sell at same price in Canada.

Stock chrysanthemums from the bench at 5c—Ivory, Rose Owen, Philadelphia, Gladys Vanderbilt, Fitzwygram, Bonnaffon, G. F. Atkinson, Black Hawk, Bergmann, Glory of Pacific, Yellow Ivory, Whilldin, Viviand Morel, Mrs. O. P. Bassett, Mrs. W. R. Douglass and Mayflower. Walker & McLean, Youngstown, Ohio.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

2,000 strong chrysanthemum stock plants, Mrs. Robinson, Viviand-Morel, Bonnaffon, Philadelphia, Glory of the Pacific, October Sunshine, Mme. Bergmann, Geo. W. Childs, 60c per dozen; $4.00 per 100. Jos. Labo, Joliet, Ill.

Rooted runners of Bonnaffon, as good a yellow as one would wish to grow, $1.00 per 100. Or will exchange for geraniums, ferns, asparagus, pansies, vincas or daisies. T. M. Fitzgerald, Beaver, Pa.

Chrysanthemum stock plants. Golden Wedding, Bonnaffon, Mrs. Robinson, White Ivory, Whilldin, strong clumps, 75c per doz; $5.00 per 100. J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

Extra strong stock plants of Pacific, Bergman, Bonnaffon, Golden Wedding, Robinson, Bassett and Jones, 5c cash. Satisfaction guaranteed. J. A. McPheron & Son, Carrollton, Ill.

Chrysanthemum stock plants, extra good; Bonnaffon and Bergmann, 50c per dozen; $4.00 per 100. Duly Bros., Randolph, Mass.

F. B. Hayes, the best late pink chrysanthemum. Stock plants, $2.00 per doz., $15.00 per 100. Wm. Sim, Cliftondale, Mass.

Stock plants, leading varieties, 5c. Will exchange for other plants. A. Brumley, Birmingham, Iowa.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

CINERARIAS.

Cinerarias. From Benary, Cannell and Sutton's prize show flowers saved, dwarf and semi-dwarf, giant flowered, finest colors and shades; 2 1-4-in., $2.50 per 100. Cash with order, please. Shellroad Greenhouses, Grange P. O., Balto., Md.

200 Cinerarias, ready for 5-in., large, extra strong plants, $6.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

Cinerarias, 2-in., $2.50 per 100. Cash.
G. Guy Swanger, Shiloh, Ohio.

CLEMATIS.

Large flowered clematis for forcing. Purple, white and lavender sorts, from 5-in., 18c; 1-year, field-grown, at low figure. C. paniculata, fine 3-year plants, 10c; 2-year, 8c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Clematis Paniculata, 2 and 3 years old. X size, per 10, $1.00; per 100, $8.00; per 1,000, $75.00. XX size, per 10, $1.25, per 100, $9.00; per 1,000, $80.00. Send your order now for spring. Ed. Brockmann, Irondequoit, N. Y.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

Coleus. All the best varieties in 2½-in. pots at the special low price of $2.50 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Strong, 2¼-in., $1.50 per 100. R. C. ready for 2½-in., 75c per 100; $6.00 per 1,000. South Side Floral Co., Springfield, Ill.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, 12 best sorts, 2½-in., $1.50; rooted cuttings, 50c per 100. Cash. Beach & Chessman, Richmond, Ind.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen. Choice, healthy stock, all in bud, valuable for retailing. Stocky plants, 3-in., $5.00. Freeport Market Garden & Greenhouses, Louis Bauscher, Prop., Freeport, Ill.

Good plants in bud and bloom. Per dozen: 4-in., $2.00 to $3.00; 5-in., $4.00, $5.00 and $6.00; 6-in., $7.50, $9.00 and $12.00. C. W. Cox, 2nd and Bristol Sts., Philadelphia, Pa.

Cyclamen giganteum. From 3-in. pots, in bud, $8 per 100. From 3½-in., in bud, $10 per 100. Wood Bros., Fishkill, N. Y.

Strong, 3-in. cyclamen, well set with buds, $7.00; 4-in., $10.00 per 100. Cash or C. O. D.
C. Winterich, Defiance, Ohio.

CYPERUS.

[illegible]rella plants, 3-in. pots, $5.00 per 100. [illegible] Eisele, 11th & Jefferson Sts., Phila., P[illegible]

Cyperus gracilis, 4-in., 75c per doz. Mrs. [illegible], Worthington, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New California Giant White and New Gold [illegible], strong 2½-in., $2.00 per 100. R. C., $1 [illegible] per 100. South Side Floral Co., Springfield, Ill.

DRACAENAS.

Dracaena terminalis, 3½-inch, $2.00 per doz., $1[illegible] per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Dracaena Indivisa, pot-grown, 6-inch, fine, 40c each; cash. C. Wm. Gotthardt, 265 W[illegible]field ave., Jersey City, N. J.

Dracaena Sanderiana, 2½-in., top cuttings, $8.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Dracaena indivisa, 3-in., ready for 4-in., $4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

FARFUGIUM.

Farfugium grande. 75 plants, 4-in. pots, $15.00 per 100. Cash. S. M. Harbison, Danville, Ky.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Fine bushy plants, from 2-in. pots, of Cyrtomium Falcatum, Onychium Japonicum, Pteris Cretica Albo Lineata, Pteris Adiantioides, Aspidium Tensemense, at $3.00 per 100, assorted. These are bright, clean stock and just right for small fern dishes. Cash, please.
Hanford's Floral Hall, Norwalk, Conn.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100. Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Boston ferns from bench, suitable for 4 and 5-in. pots, at $15.00 and $20.00 per 100; 5-in. pots, $4.00 per doz. N. cordata compacta, 2¼-in. pots, $3.00; 3-in., $5.00 per 100.
Chas. Schweigert, Niles Center, Ill.

Specimen Ferns, large and fine. Boston fern, 8-inch pans, $10.00 per doz. Compacta fern, 8-inch pans, $8.00 per doz. The National Plant Co., Dayton, Ohio.

Boston ferns true to name. Small plants from bench, $1.00, 7,000 2-in., $2.00, 4,000 3-in., $4.00 per 100. Davis Bros., Morrison, Ill.

Lace ferns and Selaginella Emmeliana, 2½-in. pot size, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Boston ferns, all sizes. Geo. A. Kuhl, Pekin, Ill.

Assorted ferns, for ferneries, $3.50 per 100.
Wm. A. Bock, No. Cambridge, Mass.

Selaginella, from 3½-in. pots, $5.00 per 100.
John Reck, Bridgeport, Conn.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Rubbers, 6-in. pots, 2½ to 3 ft., 60c. 4-in., 20c, 5-in., 40c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

Rubber Plants, 18-21-in. high, 6 and 7 in. pots, $4.00 and $6.00 per doz. C. Wm. Gotthardt, 267 Winfield ave., Jersey City, N. J.

FORGET-ME-NOTS.

Winter flowering forget-me-nots, $3 per 100. C. Eisele, 11th & Jefferson Sts., Phila., Pa.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

New geraniums, from 2½-in. pots, in the following varieties: Jean Viaud, Kleber, Richelieu, L. Corrett, M. Canovas, Bellerophon, Wm. Lannguth (dble. scarlet silver leaf) and Mrs. Parker (dble. pink silver leaf), 75c per doz., $6.00 per 100. Collection of two each of above varieties by mail, $1.00. Standard varieties: S. A. Nutt, Gen. Dodd, Heteranthe, La Favorite, Mme. Bruant, Countess Castries, Beaute Poitevine and 20 other varieties, 2½-in. pots, 50c per doz.; $3.00 per 100. Cash with order. Mrs. Thomas Lawrance, Ogdensburg, N. Y.

Geraniums of recent introduction, from 2 1-4-inch pots; ready now. Mme. Landry, semi-double Bruant, apricot salmon. Jean Viaud, semi-double Bruant, beautiful shade of bright rose; a magnificent variety. Emanuel Arene, rich scarlet with large pure white eye; double. Richelieu, double crimson; a grand acquisition; 15c each. The above at $10.00 per 100. We have many others of decided merit. We also have a large stock of the best bedding varieties ready for immediate shipment. Nathan Smith & Son, Adrian, Mich.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Bruanti, Nutt, Hill, Grant and others, strong, 2½-in., $2.50 per 100; $22.50 per 1,000. Strong R. C., $1.50 per 100; $15.00 per 1,000. South Side Floral Co., Springfield, Ill.

Geranium America. A queen among geraniums. Strong plants, $8.00 per 100; 25 at 100 rate. Ready now. Henry Eichholz, Waynesboro, Pa.

Rooted cuttings, double and single and ivy leaf. Fine collection, $2 per 100; $18 per 1,000. Strong pot plants, $3 per 100; $25 per 1,000.
Wood Bros., Fishkill, N. Y.

Geraniums, rooted cuttings of different colors, $1.50 per 100; $12.00 per 1,000. William Stuppe, Englewood, N. J.

Fine assortment, 2½-in., all the best varieties, $2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Geraniums. Standard bedders, price and varieties carefully furnished on application.
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10,000 geraniums, by selection, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

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Grevillea robusta, 3-in., $4.00, 2-in., $3.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

HARDY PLANTS.

Clematis paniculata, 2 and 3 years old.

	Per 10.	Per 100.	Per 1,000.
No. 1	$1.00	$7.00	$65.00
X size	1.25	9.00	75.00
XX size	1.75	13.00	125.00
Fine pot plants	.60	3.60	30.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.60 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 6-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid; $10.00 per 1,000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

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An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
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Heliotropes, 2½-in., per 100, The Czar, Napoleon and Violet Queen, $3.00, Mme. Blonay, Le Poitevine and Le Cid, $4.00. Michel Plant and Bulb Co., St. Louis, Mo.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotropes, rooted cuttings, 50c per 100. Sample 100 by mail. A. Brumley, Birmingham, Iowa.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000. Jackson & Perkins Co., Newark, New York.

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English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 3 to 4 ft. long, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

LANTANAS.

Lantanas, 2-in. pots, in bud and bloom, 6 varieties, $1.75 per 100; $15.00 per 1,000.
C. L. Brunson & Co., Paducah, Ky.

Lantanas, red and white, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

Lily of the Valley pips, largest and finest in the world, either Berlin or Hamburg, $10.00 per 1,000, case lots (3,000 in case) $9.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

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Mignonette plants (Allen's Defiance), mostly in bud, 3c each; $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

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Frequent importations of best grade English mushroom spawn.
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Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
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Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

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The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA

Size. Pot.	Height. Inches.	No Leaves.	Each.	Per Doz.	Per 100.	Per 1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	28 to 30	5 to 6	1.25	15.00	125.00	
6	30 to 34	6 to 7	1.50	18.00	180.00	
8	44 to 50	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2¼		3	....	$0.60	$ 5.00	$ 40.00
3	12	5 to 6	....	1.00	8.00	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	15 to 18	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3		4 to 6		$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	....	....	....	$3.00
5	15 to 20	8 to 12	$0.50	6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz	100.
Utilis	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	3	8 to 10	12 to 15	2.00	15.00
Veitchii	6 extra fine			18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

PEPEROMIAS.

Argyraea and alata, $2.00 per doz.; $1[illegible] per 100.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA, VAR

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Ball's palms, etc., choice hardy stock, perfect in every respect.

Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 50c and 75c; 8-in. at $1.60; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $17.50 to $35.00.

Kentia Belmoreana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.

Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.

Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.

Livistona Rotundifolia, 4-in. at 40c; 5-in. at 75c.

Pandanus Veitchii, 6-in. at 75c and $1.00; 8-in. at $2.00.

Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.
Chas. D. Ball, Holmesburg, Philadelphia, Pa.

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I offer the following list of ass[illegible] palms, all in perfect form and entirely fr[illegible] in-sects and blemishes of any kind.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
[illegible] plants	6	24-28	$12 [illegible]	$100.00
[illegible] plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
[illegible] plant	3	10-12	25.00
[illegible] plants	5	18	each 1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz	Per 100
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

LATANIA PALM PLANTS.

Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	2	20 to 22-in. high	10	9.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.
Pandanus Veitchii and Croton plants, prices on application.
J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

1,000 Kentia Forsteriana. Cool grown, 12 to 20 inches high, 4-in. pots, $15.00 to $35.00 per 100. Liberal discount for the whole lot, as I need the room for 10,000 seedlings. Cash. H. F. Albright, 54 Columbia Ave., Jersey City Heights, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Latania palms, 2½-in., 3½c; 4-in., 15c; 5-in., 30c. Clean, stocky plants. Send for sample.
Joy & Son Co., Nashville, Tenn.

Latania Borbonica, extra stock, grown cool, 6-in. pots, 50c each. B. F. Barr, Lancaster, Pa.

Areca lutescens, 3-in., fine, $12.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

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25,000 pansy plants for sale. Good, strong plants from own seed, saved only from largest blooming varieties, $3.50 per 1,000. Cash. Satisfaction guaranteed. Frank Mosmiller, 11 E. Main St., Richmond, Va.

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New ivy-leaved pelargonium, Leopard, 50c each, $5.00 per doz., $17.50 per 50. Cottage Gardens, Queens, N. Y.

Rooted cuttings, good varieties, named, $2.00 per 100. S. D. Brant, Clay Center, Kan.

Pelargonium Victor, $2.00 per 100. Cash.
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Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Fine. Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Petunias. Dreer's and Henderson's latest world beaters, and they are winners, at $1.25 per 100, $10.00 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Henderson's and Dreer's latest sorts. Large R. C., ready for 2½-in., $1.25 per 100 by mail, $10.00 per 1,000 by express. South Side Floral Co., Springfield, Ill.

Rooted cuttings, good varieties, double, $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

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Chinese primroses, fine plants in bud and bloom, 4-in., $5.00 per 100. Obconica, 4-in., fine plants, $5.00 per 100. John Klink, Chicago, Ohio.

150 red and white Chinese primroses, fine, healthy plants, ready for 4-in., $4.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

Baby primroses, in flats, $2.00, 2-in., $3.00, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

1,000 Chinese primroses, mixed, 2-in., $1.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ROSES.

EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Maman Cochet
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Bride	Meteor
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Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
Folkestone	Mme. Abel Chatenay
Golden Gate	Mrs. Robt. Garrett
Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
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Mme. Welche	" Marechal Niel
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Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.
R. H. MURPHEY & SON, URBANA, OHIO.

Strong, field-grown roses.

American Beauties, selected	$25.00 per 100.
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American Beauties	20.00 per 100.
La France	20.00 per 100.
Kaiserin Augusta Victoria	12.00 per 100.

Cash with order or satisfactory references.
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Roses for spring blooming. Fine 1 and 2-year field-grown plants, that have never been forced, suitable for 5-in. pots, 5c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Marechal Niel, field-grown, grafted, two years, 5-6 foot canes, $25 per 100. Also Liberty, Beauty, Maid, Kaiserin and others. Superb stock. Extra strong. Rosedale Nurseries, Brenham, Tex.

[illegible] year old roses. Who wants them at [illegible] or $15.00 per [illegible]. Send [illegible] list of [illegible]. Samples for 50c.
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[illegible]ng, field-grown plants of white and pink M[illegible] Cochet, at $10.00 per 100. The finest r[illegible] ever introduced for summer blooming.
[illegible] H. Moss, Govanstown, Baltimore, Md

Field-grown American Beauties, 3 years old, $15.00 per 100; $125.00 per 1,000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Strong R. C. Brides and Maids, $1.50 per 100, $12.50 per 1,000. South Side Floral Co., Springfield, Ill.

Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.
A. S. MacBean, Lakewood, N. J.

Perle, rooted cuttings, $3.00 per 100, $2[illegible] per 1,000. J. F. Ammann, Edwardsville, Ill.

Rooted cuttings and 2-in. stock of all the leading varieties. Geo. A. Kuhl, Pekin, Ill.

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Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
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Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia. Scarlet sage, best sort, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

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X X X Seeds. Verbena Grandiflora, the finest strain of Improved Giant Verbenas grown; largest flowers and best colors; pkt., 500 seeds, mixed, 50c. Cyclamen Giganteum, the finest Giant-Flowering Varieties, mixed; 200 seeds, $1.00; half pkt., 50c. Petunia Double Fringed, the largest and finest Double Fringed and Mottled Petunias to be had; trade pkt., 50c. Phlox Drum. Pumila Compacta, new, very dwarf, perfect beauties; grand for pots; compact and unique; nothing finer in Phloxes yet offered; trade pkt., 20c. Chinese Primrose, finest strain grown, large flowering fringed; fifteen varieties, single and double, mixed; 500 seeds, $1.00; half pkt., 50c. Pansy, Finest Giants, the very choicest Mammoth Varieties, mixed; 3,500 seeds, $1.00; half pkt., 50c. Choice extras added to every order; cash. The Home of Primroses, John F. Rupp, Shiremanstown, Pa.

Asparagus Sprengeri, fresh seeds, $4.00 the 1,000 seeds. Asparagus plumosus nanus, $8.00 the 1,000 seeds. Cyclamen, German Giants, pure white, 75c the 100s; bright red, rose, white with eye, 60c the 100s. A. Rolker & Sons, 52 Dey St., New York.

Seeds: Smilax, 25c an oz. A. Sprengeri, 1,000 seeds, $4.00. Sweet peas, "Florists' Forcing Mixture," or separate colors, 40c per lb., postpaid. Write for "Florists' Wholesale Catalog." Plant Seed Company, St. Louis, Mo.

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Fresh crop sweet pea seed. All popular sorts, 20 and 25c a lb. H. H. Berger & Co., 47 Barclay st., New York.

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IRON MOUNTAIN, MICH.—J. W. Grigg, of Green Bay, has leased land here upon which he will erect greenhouses in the spring.

CHAMPAIGN, ILL.—At the annual meeting of the Illinois State Horticultural Society last week officers were elected as follows: President, H. M. Dunlap of Savoy; vice-president, W. A. Young of Butler; secretary, L. R. Bryant of Princeton; treasurer, J. W. Stanton of Richview.

GRAFTING.

Under the heading "Molecular Possibilities" Mr. A. V. Folsom contributes to a California paper an interesting article on grafting from which we print some extracts below:

To the speculative mind the study of some phases of horticulture and floriculture afford peculiar interest. One of these is the objective faculty exhibited in tree growth. The orange, for instance, takes from the generous soil those elements that through the agency of the sun's rays are converted into the outward color, structure and flavor characteristic of its fruit. The lemon tree, on alike soil and from the same soil produces a fruit that differs materially in every essential. Whence comes this difference? It is not in the root. You may graft orange to lemon or lemon to orange and the top graft will determine the fruit. It is not in the sap. You may have orange and lemon, grape fruit and lime all growing on one tree and the sap is the common carrier for them all. Does it reside in the wood? The writer saw recently a lemon grove, the trees of which were originally grafted on bitter-orange roots, but oranges being more profitable, the owner was topping the trees preparatory to budding to navel oranges, confident of the result. The lemon-wood stem would not affect the orange flavor an iota, but the lemon stem would produce only buds after its kind. The structural difference of the cells of these two woods, which microscopic investigation would show to be slight, accounts for the difference of the fruit.

* * *

Budding permits the union of more widely diversified members of a family. All members of the citrus family bud interchangeably. The order rosaceae, of which the apple, pear, peach, rose, etc., are members, is another illustration of the affinity that exists in families. Apples are commonly grafted on pear stock to insure speedier growth, and those desiring rose trees can achieve their desire by budding roses to peach stock. Recent discoveries tend to destroy the old idea that a difference in order was necessarily a bar to the budding of one tree on another. A French scientist has been conducting a series of experiments in grafting along these lines and finds that plants of entirely different families might be grafted with success. For example, the maple upon the lilac, the kidney bean upon the castor-oil bean, the cabbage upon the tomato. The whole question of grafting seems to resolve itself into one of molecular similarity. As chemists classify metals in groups by their atomic weight, so family types are marked by the similarity of the molecules of their cell formation and it would seem that it would be only necessary to find some means of determining the molecular size of a wood to be able to graft it. This opens up a vista of surprising possibilities. You cannot graft orange on apple, not on account of any family barrier, but because the molecular atoms that go to build up the apple cell are coarser than those of the orange and cannot circulate through the exquisitely minute channels of the orange wood. Note the difference between the close-grained orange wood and the coarse-fibered apple wood and see if the theory is not reasonable.

A WARNING.

We have received the following communication from Prof. Wm. Trelease, Director of the Missouri Botanical Garden, St. Louis, under date of Dec. 14:

It may possibly interest you to know, for the benefit of your readers, that plant agents have been operating in Indiana, at least, as representing a firm located at Shaw's Garden, St. Louis, Mo. One such party is said to have given the name of G. A. Sawley & Company. If you care to protect your readers who may be subject to similar misrepresentations kindly announce that "Shaw's Garden," as the Missouri Botanical Garden is popularly called, is not a commercial etsablishment, does not sell plants or have agents on the road, and knows nothing of persons making representations similar to those that are here referred to.

CHICAGO TRADE PRESS.

The Chicago Trade Press Association is an organization of about fifty of the leading trade papers of the city, and at its monthly meetings there are very interesting and useful discussions upon the various phases of the work of the editors and publishers of trade journals. Various social events have been inaugurated by the association, and the latest was an informal entertainment on Dec. 11, at which the ladies were present and at which a most enjoyable programme was rendered by artists who kindly volunteered for the occasion.

Of those who gave selections were Mr. E. J. Southwick, humorous recitations; Mr. Ralph B. Adams and Mr. George B. Knaggs, assistant, sleight of hand; Mr. Harry E. Davis, French horn soloist; Mr. G. B. Brigham, accompanist; Miss Alma Borman, vocalist; Prof. Wm. Rahn, zither soloist. Of those who came through members were Miss Mills, piano; Mrs. Barrett, piano; Mr. E. T. Clissold, vocal; Mrs. H. J. Bohn, piano; Mrs. John J. Bohn, violin. The Cable Piano Company kindly sent one of their finest pianos for the use of the artists.

DES MOINES, IA.—The Iowa State Horticultural Society at its annual meeting held last week elected the following officers: President, M. J. Wragg, Waukee; vice-president, N. K. Fluke, Davenport; secretary, Wesley Green, Davenport; treasurer, Elmer D. Reeves, Waverly.

SOMERVILLE, N. J.—As the result of a boiler explosion the greenhouses of Houston & Norton were destroyed by fire Dec. 12. The loss is estimated at $6,000.

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G. L. GRANT, Editor and Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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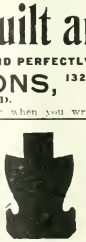

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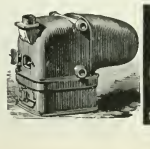

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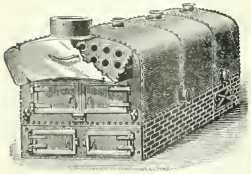

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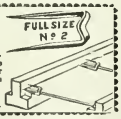

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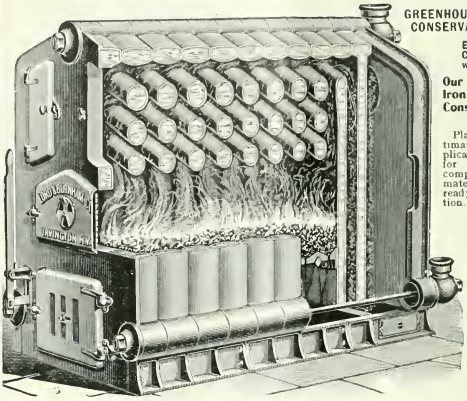

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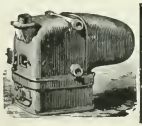

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, DECEMBER 27, 1900. No. 161.

COMPLIMENTS OF THE SEASON.

We take this opportunity to thank all of our many friends in the trade for the generous support given to us during the past year, which was a "banner year" for us, and we trust equally so for you.
Wishing you a prosperous "New Year," we are, cordially yours,

M. RICE & CO. Leading Florists' Supply House,

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THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

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Lillium Auratum Prime stock. 7-9 inches, doz., 50c.; 100, $3.75; 1000, $35.00. 9-11 inches, doz., 85c.; 100, $6.25; 1000, $60.00. 11-15 inches, doz., $1.70; 100, $12.00; 1000, $120.00.

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Scott Color.
Commercially the best of all Carnations yet introduced.

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Rooted Cuttings, $10 per 100; $75 per 1000. $6 per 100; $50 per 1000.

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6 to 8 inches, $24.00 per 1000.
7 to 9 inches, $34.00 per 1000.

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Largest and finest in the world, either Berlin or Hamburg, $10.00 per 1000; in case lots (3000 in a case), $9.00 per 1000.

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6-in.	2	20 to 22-in. high,	10	$9.00
7-in.	1	2 ft. ht. and diam.	7 to 8	12.00
7-in.	2	3 " "	10 to 12	15.00
8-in.	1	2½ " "	8 to 9	18.00
8-in.	2	2½ " "	15	20.00
8-in.	3	2½ " "	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ feet high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.
Pandanus Veitchii and **Croton Plants**, prices on application

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REPORT OF THE JUDGES

APPOINTED BY THE PHILADELPHIA FLORISTS' CLUB TO JUDGE OUR

GRAND NEW ROSE

QUEEN OF EDGELY

PINK AMERICAN BEAUTY.

"We are convinced that this variety is a valuable addition to the list of forcing roses, being in every respect, except color, the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good, even in the full flowers. The fragrance is also as fine as that of Beauty, and the exhibited blooms showed remarkable vigor."

(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

FOR TERMS AND PARTICULARS, APPLY TO

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Tuberous Rooted Begonias, single flowers, 1 to 1½-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 50c; 100, $3.50.

	Doz.	100
Double flowers, separate colors, extra, 1st size	75c	$5.00
2nd size	60c	4.00
Gloxinias, very large bulbs, mixed	50c	3.00
" separate colors	60c	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1000, $10.00.

SEEDS.

Asparagus Pl. Nanus, 100, $1.00; 1000, $9.00. Asparagus Sprengeri, 100, 50c; 1000, $3.50.
Sweet Pea, early sorts, oz., 5c; lb., 25c. Stocks, ten weeks' perfection, separate colors, oz., 25c; lb., $3.00.
Smilax, 1900 crop, oz., 30c; lb., $2.50.
Tuberose Ex. Pearl, 4x6 in., 100, 75c; 1000, $5.50.
5x8 in., 100, 90c; 1000, $7.50.
JAPAN FERN BALLS ready, doz. $4.00.
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Small plants from bench, $1.00 per 100.
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4,000 3-in..... 4.00 "

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Plants, $2.50 per 100; $20.00 per 1000.

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WHOLESALE GROWER OF

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See page 427 of the Review of Sept. 6 for prices.
Upsal Station, Penna. R. R. GERMANTOWN, PA.

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NOTICE TO THE WHOLESALE DEALER and RETAIL MAN.

I am prepared to make you prices on the following decorative stock: **Southern Wild Smilax, Holly, Chamærop Palms and Crowns, Long Needle Pines.** All goods are shipped out at market price. Let me book your orders now for Christmas. I will treat you right. Cash with order or C. O. D. Address all orders to

J. G. BARROW, Red Level, Ala.

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MISCELLANEOUS SEASONABLE HINTS.

After New Year's there is the commencement again of operations for our Easter crops, but before I attempt to remind you of any of these, just a word about some things of which you want to preserve some stock for future crops.

Poinsettias.

Poinsettias that have been grown in pots and cut should be laid under a warm, dry bench and be let go perfectly dry, where they want no attention, till early next April. If grown on a bench, lift the plants and place them in flats, with a little dry soil around the roots and put them under the bench. If you don't have a dry bench, then a corner in a warm shed will do just as well.

Azaleas.

It's not likely you succeeded in getting into good flower all your early azaleas, but they will be quite as useful for a few weeks yet, so keep them going in a warm house, for they will about stand still if removed to a house where you are keeping your late azaleas.

Stevia.

We seem to want an ever increasing quantity of that graceful common flower, the sweet stevia. It helps wonderfully in many a bunch of flowers, but is usually all cut before the new year. Save a dozen pots after the stems are cut down to within a foot of the surface and put on some cool, light bench. You will want them for propagating in March and April.

Lily of the Valley.

From now on the newly imported pips of valley will be depended upon for forcing. If you sorted them when received, keeping the strongest together, these should be first used. Last year we boxed in sixteen feet of bench beneath which are four-inch pipes, placing slates instead of board for bench bottoms, and on that seven inches of sand. We shade the first ten days with one-half inch wooden shutters, and then replace the boards with cheese cloth shading, and to finish them off for the last few days no covering at all unless exposed to the sun. As the sand is about 80 to 85 degrees, and the air of the house about 55 degrees, you cannot fail to produce good flowers and foliage. When first put in the sand or till growth starts you can water over the whole bed, but after a week water between the rows only. Water faithfully every day and twice, if you are firing hard, but don't let water touch the bells after they show color.

Lilac.

Lilac was offered during December, possibly from plants kept in cold storage. Imported plants can be forced for the holidays, but it requires much higher temperature and hardly pays. From now on M. Le Graye comes along very nicely and without any special demand it is always most useful. In the absence of a very warm house the pots or boxes can be stood on edge of path, where the heat from the pipes will soon start the buds. Syringe frequently till the color shows.

Spiraea.

Some say they can force spiraea (Astilbe japonica) in six weeks. We never get it much too early in three months, and soon after New Year's start them going in six and seven inch pots. It is true there is not a great demand for it, nor is it profitable, but you want a few. If the roots have been kept dry till now soak a few minutes before potting, and they do just as well under a bench for two or three weeks as on the top.

Cyclamen.

Few plants have sold better this Christmas than the cyclamen, and how few we see really first class! The trouble with their cultivation is that during the twelve or fifteen months of their growth from the seed to flowering there must be no let up to their care. Once a serious check to their growth and it's all off. There is no such thing as to bring them around again, as we can with so many of our plants. Now, this everlasting watchfulness, the quality that marks the true and successful grower, is seldom bestowed on the cyclamen except by specialists. You start off with seed, meaning well, but a fatal day comes around Easter, when the young plants have been allowed to get parching dry, or two weeks in early June they have bad most slipshod care because you were driven to death with your bedding plants. We are all guilty of this, but I tell you it's not gardening, and there is no plant more deserving of your unremitting care than the beautiful cyclamen.

I would call a plant in a six or perhaps a seven-inch pot, with perfect but not too luxuriant foliage and fifty open flowers and more buds to come, almost the unequaled and ideal Christmas plant. There are a great many such cyclamen plants, I am aware, and some much finer, but the plant I have described would retail at $2 to $3 each, and would that not be a most profitable plant to grow? I am commenting at length on the cyclamen because the Christmas just past has impressed me more than ever that it is our ideal flowering plant and you can say with such confidence and pleasure: "Oh, yes, ma'am, that is one of its best qualities; it is an ideal house plant, growing and blooming in a light window of your house as well as it does in our greenhouses here," which is all about the truth, but is much too long a speech for Christmas eve. Lengthen your cultural dissertations to your customers according to exigencies of the season.

Cyclamen sown at end of September or early October will be about ready to take from the seed pan and transplant either several in a three-inch pot or in flats again. The latter is preferred, as there is less likelihood of neglect of watering, or rather the plants suffering from it. Use a good loam and leaf mould, half and half, and keep the young plants on a light bench in about 55 degrees at night. Cyclamen sown even now and grown without any check will make most acceptable plants for next Christmas.

Cannas.

There is not much hurry about many seeds for a few weeks, but remember that if cannas are wanted a good size at bedding time they must be sown early. They require a strong heat to get them to start and there is also danger of fungus carrying off the seedlings when the sand is very warm. The cannas come largely true from seed, and if sown at once you can have fine plants in flower by middle of May.

The great bulk of cannas are, of course, increased by divisions of the roots, but sales are so close every spring that we never have stock enough left and have to depend on raising a good many from seed. There is not the slightest indication that the canna will in the near future decline in popular favor. It's a plant that suits our semi-tropical summers in every way.

William Scott.

CARNATION NOTES.

Temperature.

If you have been running the temperature in your carnation houses higher than usual during the past week or two, you must be just as careful in reducing it now after the holidays are over. If you lower it too suddenly it will cause the calyxes to burst, so be careful and lower it a degree each night. There are very few varieties that will not burst their calyx if subjected to too many sudden changes in temperature.

Weak Stems.

If you notice any weakness in the stems or any other evil effects from the recent forcing there is nothing better than a dose of lime. Sprinkle it on the soil between the plants about as thick as you do bone meal before planting. Rake it into the soil about one-half inch deep and then water the bed thoroughly. Have the bench just a little on the dry side when you put it on; but do not apply when the soil is quite dry.

Many growers do not appreciate the value of lime in keeping the soil in good condition and their plants in good health. An occasional dose keeps the soil sweet and puts the food into proper condition for the plant to take up. If you put on a light mulch in November it will by this time be washed into the soil and taken up by the plants. A dose of lime will put the soil into condition to receive another light mulch in a week or two.

Better not begin feeding liquid for a month yet at least. It takes great care and excellent judgment to feed properly at this time of the year and unless you are an expert you would better wait until the sun is stronger and the soil dries out quicker. There is still a good deal of food left in the soil and with an occasional light mulch and a few doses of lime or hardwood ashes the plants will keep in good condition and produce fine blooms for some time to come.

Profitable Varieties.

Now that the holiday rush is past you will likely be getting ready to prop-

agate your next season's carnation stock. Every year we are obliged to change our list of varieties or the quantity we plant of each variety. Of some we want more, of others less, and some varieties we want to drop altogether to make room for the better ones.

Of the standard white varieties there are really only two that are grown in quantity all over the country—Flora Hill and White Cloud. Both are grand varieties and it is hard to say which is the more popular, or profitable, taking the season through.

For the wholesale grower of fancy stock White Cloud is perhaps the more profitable because it produces an enormous crop of fine blooms on long, strong stems during mid-winter when they bring good prices, while as an all season variety Flora Hill is the best. Flora Hill begins to bloom soon after you plant it and keeps on blooming freely all winter. Up to about February the stems are rather weak and it does not sell as a fancy; but when the stems come strong again it is a favorite with everybody. It is one of the very best keepers the year round.

White Cloud with most growers begins to bloom about December and continues to bear fine blooms until warm weather sets in, when the blooms begin to get poor and it does not keep well after being cut. During cool weather it is a good keeper.

If you want a steady supply of high grade blooms throughout the season you must grow both of these varieties as each is at its best when the other is in its poorest stage. But if you grow only a limited quantity and want only one white variety I would advise you to plant Flora Hill. It blooms from the time you plant it until you throw it out the next fall and with the exception of a few months in winter it produces the highest grade of blooms.

As an exhibition variety White Cloud is the best on account of its fine stem and general showiness.

These two varieties are as different in their requirements as they are in appearance. White Cloud wants plenty of water and a cool temperature and a good strong soil, while Flora Hill wants a higher temperature, a little on the dry side, and not too much feeding.

L. McGowan, which was once the leading white, is no more a profitable variety. It is not a better producer than Flora Hill and the blooms always grade low.

Evelina has been a great disappointment to those who bought it when it came out. We all expected it to become the leading white, but it had a weak constitution and bacteria soon settled it.

Mary Wood is considered by some to be a profitable variety and where it does well it may pay. It is not a pure white, though, and it is inclined to burst.

Glacier makes fine, large, pure white blooms, but on short stems. Where there is much design work this variety ought to be profitable. John Young is very free, but the blooms are small and warm weather soon settles it.

Among the standard pink varieties we place Mrs. F. Joost far ahead of all the others as a money maker. It has a fine upright habit, always makes a strong, wiry stem and is a remarkably free and constant bloomer. The color is the ideal pink, as it never shows the slightest trace of blue. The blooms are hardly large enough for exhibition, but of ample size for a commercial carnation. It is a favorite with the store men on account of its color, stem and good keeping qualities; and with the growers because of its great productiveness and selling quality. This variety is likely to take the place that Scott held several years, when it becomes more generally known. Last spring we discarded all other pinks in favor of this variety and we are satisfied that we did a wise thing.

Triumph is a favorite with some growers and wherever it does well it is profitable. Most growers have trouble in making it bloom during midwinter, but those who have mastered this difficulty consider it one of the best. The color is good and the blooms are large and borne on long, strong stems. This is a variety for the experts.

Victor has a fine color in winter, but warm weather causes it to fade. Being a sport from Daybreak it is very brittle and straggly in growth. Mrs. Jas. Dean is one of the prettiest pink varieties, but comes into bloom too late unless given an extra early start as a cutting and on the bench. The color is fine. Also a variety for the experts. Melba failed to come up to general expectations. The bloom and stem are fine, but the growth is soft and subject to bacteria. Cerise Queen is considered profitable by many and it certainly is away ahead of old Tidal Wave, which it somewhat resembles in color. Leslie Paul has a fine color, best described as American Beauty color, but is hardly free enough to be profitable. The growth is healthy and the stem is long and strong.

Wm. Scott is still a favorite with many on account of its easy culture, but it cannot compare with Mrs. Joost in color or stem. Daybreak still leads in that color, but there are several good ones to come out soon in that color. Whether they will displace it or not is yet to be seen.

Mrs. McBurney was looked upon by many as Daybreak's successor, but it failed. The color is not as pleasing and the growth is no better than Daybreak.

A. F. J. Baur.

TYING CARNATIONS.

In the Review for Nov. 29 I noted an article on tying up carnations. The method described is certainly a good one if the first wires (six inches from the ground) are put in shortly after planting, but at this time of the year it would be a difficult matter to run these lower wires through a bench of plants that were laying down. I use the following described support with success:

I cut wires about 40 inches long and bend them over a piece of 4-inch pipe, so as to make it the same as two 18-inch stakes, only connected. Then on a 6-row bench I stretch three wires (one on each side and one in the center of the bench) about 12 inches from the surface of the soil. To these wires the supports are fastened the same as in a rose house. Four more supports are placed, one between each plant. Then string is used, making a niee square for each plant. Having your string on a spool enables you to do the work the quickest. This, to my notion, is better than the old ring, for the plant is not crowded and you have plenty of room for working the soil.

A. N. Sherg.

Lansing, Mich.

Mr. Sherg's method no doubt serves the purpose of supporting his carnations and must be satisfactory to him at least. However, I do not consider it superior to, or even equal to, the method I recommended some weeks ago, and used by us. There is certainly more work about it, and it is perhaps more expensive as well. He has to use as much wire (if not more) and it needs to be heavier for the upright arches. Mr. S. does not say just how he applies the string, but whatever way he does it, he can hardly do it quicker than we can tie the string to the outside wire and wrap once around each wire across the bench and tie to the other outside wire. The strings are cut beforehand in lengths to reach across the bench. It takes two men to work our method to advantage, but they do not need to lose any time in waiting on each other if both are dexterous with their fingers. While one does the first half on one string the other is doing the last half of the other, and it would surprise you to see how fast two quick workers can get over a bench.

Any support is easier put on shortly after planting, and any support will take longer to put on after the carnations are laying all over the bench, but our method is not so hard to put on even then, as Mr. S. seems to think. The wires are stretched just the same, whether the carnations are standing up or laying down, and as the strings are put on, the plants are lifted into place without breaking even the most brittle stems. It is not necessary to run the wires between the stems before putting on the strings, but every plant and every stem is put into its square as the strings are put on. It takes longer to put it on than it does before the plants begin to lay down on account of lifting the plants into place, that is all. We aim to put on the first tier as soon as the beds have been weeded thoroughly, to save time in weeding. There are other methods that do the work as well as ours, but for cheapness and the time it takes to put it on, etc., we have never seen its superior.

A. F. J. Baur.

ROSE NOTES.

Taken as a whole, the weather has favored the grower up to Christmas and if the Christmas crop did not turn out as desired we ought not to throw the whole blame upon the weather. Our roses may have been very nice during the summer and early fall, and we may have had roses to throw away then. But it is a mistake to cut the plants down too much at that time, for by taking away so much of the foliage we deprive them of their breathing surface and thereby check the action of the roots, and as a result the plant lacks strength at the time we expect the most from it. Or we may have given too much water at times, or mildew, greenly and a host of other things may have caused a setback, much of which could have been avoided had we thought before it was too late.

If you have been compelled to force your roses much it is best to give them a little rest, which is done by lowering the temperature some and keeping the plants on the dry side for a week or ten days. This will enable them to regain their strength, and the new growth will be far healthier and stronger than if the plants were forced continually.

Manetti stocks are arriving and there should be no delay in potting them. Place in a house having a temperature

Review of the Work of the Chrysanthemum Society of America for 1900.

NAME.	WHERE SHOWN.	DATE.	EXHIBITED BY.	COLOR.	TYPE.	Class	Possible Score	Form	Fullness	Stem and Foliage	Substance	Size	Distinctiveness	Stem	Foliage	Total
							POINTS SCORED.									
Iolantha	Boston	Oct. 20	Nathan Smith & Son, Adrian, Mich.	Rose pink,silv'ry reflex	Jap. Inc	C	25	20	13	8	5	14	..	..	..	85
"	Cincinnati	"	" "	Light pink	"	C	21	20	13	9	10	12	..	..	..	85
"	Phila	"	" "	"	"	C	22	20	12	8	8	12	..	..	..	82
						E	12	12	8	..	..	12	20	8	8	80
"	New York	"	" "	Rosy Pink	"	C	18	18	12	9	8	12	..	..	..	77
* "	Chicago	"	" "	Pink	"	C	15	18	10	6	9	13	..	..	..	71
Omega	Cincinnati	Oct. 27	" "	Canary yellow	Jap. Ref	C	19	20	14	7	6	13	..	..	..	79
						E	13	12	9	..	..	13	20	6	7	81
"	Chicago	"	" "	Lemon yellow	"	C	20	25	13	6	9	14	..	..	..	87
Mrs. Elmer D. Smith	Chicago	Nov. 10	" "	Yellow	"	C	24	25	15	7	10	12	..	..	..	93
"	Phila	Nov. 17	" "	"	Jap. Inc.	C	24	23	14	9	8	12	..	..	..	91
						E	14	14	9	..	..	13	23	9	8	90
" "	Cincinnati	"	" "	"	Inc	C	24	23	15	9	9	13	..	..	..	93
" "	Boston	"	" "	Chrome yellow	Jap. Inc.	C	25	25	15	9	10	13	..	..	..	91
						E	15	15	10	..	..	7	22	10	8	87
**Mrs. Ritsoo	"	"	" "	White	Ref	E	12	15	10	..	..	15	25	8	5	90
Yanariva	New York	Nov. 3	John N. May, Summit, N. J.	Very light pink	Jap. Ref.	C	12	20	6	6	9	13	..	..	..	74
"		Nov. 10				C	20	18	12	7	8	12	..	..	..	77
"	Boston	"	" "	Flesh pink	Ref	C	25	20	15	8	10	15	..	..	..	93
						E	15	12	10	..	..	15	25	10	6	93
"	Cincinnati	"	" "	"	Jap. Ref	C	23	22	13	5	10	13	..	..	..	86
"	Phila	"	" "	Blush	"	C	22	22	14	7	8	13	..	..	..	86
						E	13	13	9	..	..	13	21	9	7	85
Mirabeau	Boston	"	" "	Yellow	Jap. Inc.	C	23	20	13	7	6	8	..	..	..	67
	Cincinnati	"	" "	"	"	C	23	18	14	8	7	10	..	..	..	80
Mrs. W. B. Chamberlain	Phila	Nov. 17	" "	Light rose or pink	Jap. Ref.	C	21	22	12	8	8	12	..	..	..	83
						E	13	13	9	..	..	12	22	9	8	85
" "	Boston	"	" "	Rose pink,silv'ry reflex	Jap	C	25	25	8	9	8	13	..	..	..	88
						E	15	10	7	..	..	13	25	10	8	88
" "	New York	"	" "	Light rose pink	Jap. Ref.	C	23	20	12	9	9	12	..	..	..	85
Zampa	Phila	"	" "	Chrome red	"	C	22	21	13	9	7	12	..	..	..	84
						E	12	13	8	..	..	12	22	9	9	85
				Brownish crimson, salmon reverse	Jap	E	5	12	7	..	..	15	20	10	9	78
Chestnut Hill	Cincinnati	"	" "	Yellow	Ref	C	22	21	14	9	8	12	..	..	..	86
	Boston	"	" "	Light yellow	Jap. Inc.	C	25	20	15	9	7	12	..	..	..	88
"	New York	"	" "	Yellow	"	C	20	18	14	10	9	10	..	..	..	81
"	Phila	"	" "	"	"	C	23	21	13	9	8	11	..	..	..	85
						E	14	12	9	..	..	11	21	9	9	85
"	Chicago	"	" "	"		C	23	22	13	8	9	13	..	..	..	88
Brutus	New York	Nov. 3	" "	Terra cotta red	Jap. Ref	C	24	22	12	8	9	12	..	..	..	87
No. 345	"	Nov. 10	" "	White	"	C	20	12	10	9	5	8	..	..	..	64
Malcolm Lamond	Phila	Nov. 17	The E. G. Hill Co., Richmond, Ind.	Bright maroon red	Ref	C	24	22	13	10	8	12	..	..	..	89
						E	14	13	8	..	..	12	24	10	10	91
† "	Chicago	"	" "	Red	"	C	23	18	11	9	8	12	..	..	..	81
"	Cincinnati	"	" "	Crimson	"	C	22	22	13	10	8	12	..	..	..	85
"	New York	"	" "	"	"	C	22	20	12	10	9	12	..	..	..	85
Mary Hill	Cincinnati	"	" "	Pink	Inc	C	22	23	15	9	8	12	..	..	..	89
†† "	Chicago	"	" "	"	"	C	15	20	10	9	8	11	..	..	..	78
Lillian	Phila	Nov. 10	Wm. Paul Binder, Rider, Md.	Creamy white	Jap. Ref.	C	21	21	13	6	8	11	..	..	..	80
						E	13	12	8	..	..	11	20	4	6	74
Geo. O. Brown	"	"	" "	Very dark rose	"	C	17	20	13	8	8	11	..	..	..	77
						E	12	12	8	..	..	11	20	9	8	79
Prosperity (exhibited as Peerless)	Boston	Oct. 27	Geo. Hollis, S. Weymouth, Mass.	White	Jap	C	23	20	15	8	9	10	..	..	..	85
Jos. W. Cook	Phila	Nov. 3	John Cook, Baltimore, Md.	Blush white	Jap. Ref.	C	22	22	14	9	9	13	..	..	..	89
						E	13	13	9	..	..	12	22	9	9	87
No. 2-98	"	"	Ernst Schreiber, gard. to Wm. L. Elkins, Elkins, Pa.	Pink	Jap. Inc	C	21	21	12	6	8	11	..	..	..	79
D. Josephine	"	"	Wm. Kleinbeinz, gard. to P. A. B. Widener, Ogontz, Pa.	Light yellow	"	E	12	12	8	..	..	12	20	6	6	76
						C	22	22	13	9	9	14	..	..	..	89
"	New York	"	" "	Good bright yellow	"	E	13	13	8	..	..	14	22	9	9	88
Mrs. J. S. Fassett	"	Nov. 10	John B. Rudy, Elmira, N.Y.	Light yellow	Jap	C	23	20	10	8	9	13	..	..	..	83
						C	13	10	10	7	7	12	..	..	..	59
No. 6	"	"	John Marshall, Purchase, N. Y.	Magenta pink	Jap. Inc.	C	15	18	12	9	6	11	..	..	..	71
‡ Arah	Cincinnati	"	Theo. Bock, Hamilton, O.	Bronze	Jap	C	16	19	15	10	9	10	..	..	..	79
Nellie	"	"	H. W. Rieman, Indianapolis, Ind.	Creamy white	Jap. Inc.	C	23	22	14	10	8	10	..	..	..	87
No. 10	Phila	Nov. 17	Ferdinand Heck, gard. to Geo. F. Baer, Reading, Pa.	Yellow	"	C	22	22	12	8	8	12	..	..	..	84
						E	13	13	8	..	..	11	22	8	9	84
Timothy Eaton	"	"	Miller & Sons, Bracondale, Ont., Can.	White	"	C	23	23	14	9	9	14	..	..	..	92
						E	13	14	9	..	..	13	24	9	9	92
‖Gold Smith	Cincinnati	"	H. L. Ragan, Springfield, O.	Bronze yellow	Jap. Ref.	C	19	23	13	8	8	12	..	..	..	83
§Golden Fame	New York	"	H. A. Molatsch, Brooklyn, N. Y.	Bright yellow	Jap. Inc.	C	23	23	15	5	9	12	..	..	..	87

*Maud Dean type. **White sport from Viviand-Morel, imported. The flowers arrived in poor condition, but judging from the excellence of its parent, V.-Morel, we consider this sport worthy of this score. †Black Hawk type. ††Superba type. ‡Child x Golden Wedding. Sport of Pres. W. K. Smith. §A. Welsing, Brooklyn, N. Y., originator.

EDWIN LONSDALE, Secretary.

of about 55 degrees, keep somewhat shaded and spray them occasionally. Encourage the root action in every way. I am a firm believer in grafted plants. They not only produce a better flower and a better stem, but they are not so susceptible to disease or to injury from mistreatment, which last is an important item when you are unfortunate enough to have poor help. This applies to the teas only. In the case of Beauties I have seen no advantage from grafting and favor own root stock.

M. STAUCH.

GERANIUMS.

To the florist with only a limited amount of room the question of growing a sufficient number of geraniums cheaply and profitably is a serious one. Yet, with plenty of hot-bed sash, considerable quantities of good plants can be economically produced.

Taking it for granted that all available space is occupied in October or by the time the plants outside ought to be in, dig your plants, taking off most all the foliage, pot into medium-sized pots and place under the lightest benches until mums or some other crop is out of the way, when the geraniums can be brought up and placed in the full light. By January the first batch of cuttings can be taken and propagation can continue until the first of March, when the old plants can be trimmed back, shaken out and repotted, and brought along with the rest.

By the latter part of March or in early April prepare your frames, not by placing on hotbeds, but by putting manure around and between the frames so as to make them wholly frost-proof

and give some heat, with some long litter in reserve to throw on the glass when needed. When repotting from 3-inch to 4-inch the geraniums can be brought out and placed in the frames, partly plunged and set the right distance apart. They make fine, short, sturdy growth in this way and are not occupying valuable space inside. Some of the newer varieties are well worth trial. J. O. E.

BOSTON.

The Market.

The week preceding Christmas has passed quietly. There has been but little demand for flowers and growers seem content not to hurry delivery of goods. Indications are that large orders have been taken for Sunday and Monday delivery.

Green material of all kinds is moving rapidly. Nothing is getting out of condition except it may be bulb material, pricea on which have not advanced and probably will not do so, but on the more important crops the figures have been steadily growing and have probably not yet reached their maximum (Saturday p. m.), except in the case of violets, which have touched $2.50 per 100, and I do not think will exceed it.

Best American Beauties are being quoted at $18 per dozen, and a few Meteors and Liberties will bring $4, as reds are quite scarce. A few very choice bridesmaids and Carnots are spoken of at $6. Carnations from $3 to $8 per 100. Lilies are not too numerous to bring $2.50 and $3 per dozen.

Various Items.

W. W. Taibby fluttered blithely down the stone steps on Park street upon Dec. 17 with a pot of yellow jonquils in one hand (the very first of the season) and the best box of Roman hyacinths in the city in the other. Five minutes later L. H. Mann followed with a dozen cut blooms of jonquils and a day or two later a small bunch of double ones were in. It is said "Troubles never come singly," but jonquils do, and they will soon prove themselves "troubles," too.

The widespread interest of our best citizens in street trees and other plants was proven at a banquet of the Wellesley Club a few evenings since, which I attended by the courtesy of W. J. Dana. In widening a short section of the main street of Wellesley, justly celebrated for its beauty as well as for its wealth and respectability, a few trees have been sacrificed and a committee appointed to examine the whole length of the street raised something of a protest by recommending the removal of more of them for different reasons. It looks lucky for that committee that they did not remove them before explaining fully why this should be done. One leading citizen told plaintively of the removal of trees almost as valued as his best and oldest friends, and actually threatened to leave town if more were taken away! The town carries a "tree warden," who can talk as well as saw and chop. He votes with the committee, as do most of the club after things are properly held up to them.

Malden.

The smaller greenhouses around the Hub are more liable to produce surprises than the larger ones. One hears so much of the latter that they sometimes fail to come up to expectations.

Burdened with this thought I occupied a stray hour by a trip to the establishment of E. D. Kaulback & Son, Malden.

In an almost secluded corner of the city upon a street almost entirely owned by Mr. Kaulback, although well populated, lies their range of ten houses, each 100 feet long. They build rather cheaply, planning to rebuild at least one house each year rather than to make general repairs upon them all. Is there not an element of philosophy in the plan? In connection with the two rebuilt this season they use the first specimens of the new iron gutter, which comes in 5-foot sections, that I have seen. They speak very highly of it.

Chief among the plant life of these ten houses are their 6,000 lily bulbs, each with a sprout from 3 to 10 inches high. A feature Mr. Kaulback notices about these is that more of them than usual are throwing two shoots instead of the preferable plan of throwing one stronger one. We wondered if that peculiarity is general. The larger part of this crop is wholesaled, it being the only crop grown for that purpose.

Probably the next most interesting feature is the huge supply of boxes of all kinds of bulb goods in the cold storage vaults. These are for their retail trade and are only brought out as fast as demanded for that purpose. Then comes an immense supply of all kinds of house plants of all sizes from the slips in the long propagating shed, to rubbers fifteen feet tall. There is also a department of bedding material and a large section is used for growing cut flowers of many kinds.

Mr. Kaulback is an exceedingly pleasant man to meet, and although all hands were particularly busy, he made my call a very pleasant one.

I also made an official examination of their store in the busiest part of the city. I found it in first-class shape in every way. Here the son, Fred, dispenses the product of the houses and is quite a regular visitor to the wholesale establishments of Boston.

The near-by store of John Walsh & Son was in equally good trim, being run in the same way with greenhouses, to partially supply the stock, situated in Stoneham. Naturally, Mr. Walsh in his position as manager of the Park street market, makes a good Boston representative. And does the telephone accommodate any one much more than it does the busy suburban florist?

The smaller, but perfectly shipshape place of Mrs. Newcomb was also included in my visit. We do not need to extend best wishes to the retail floral establishments of Malden; they will have their well-merited success whether we do or not. J. S. Manter.

Bringing material for a decoration in a Mexican city.

MEXICAN DECORATIONS.

In the accompanying engraving from a photograph kindly sent us by Mr. W. L. Rock, Kansas City, is seen a man bringing in material for the decoration of an enclosure in a Mexican city in which a bull-fight was to take place. The material seems to have good length of stem and the bunch is rather larger than the average messenger boy would deliver in good form. In fact it would be interesting to know what would happen to the man if a strong wind should spring up and caress his long-stemmed stock.

To northern eyes the bareness of the street seems strange, but the Mexicans generally plant their trees and plants inside their enclosures, and not in the street. On a hot day eggs could probably be roasted in that street without a fire.

RAIN WORMS.

I am growing carnations in solid beds and find rain worms very troublesome. They consume the manure and render the soil stiff and hard. Will some one tell me how to get rid of these pests?

Southerner.

To rid his soil of rain worms, I would advise Southerner to use slaked lime. Get some fresh lime and slake it with water and let stand until thoroughly cooled. Sprinkle enough on the soil between the plants to make it white all over, then rake it into the soil about one-half inch deep and give the bed a good watering with clear water. Put on about as much

Cup offered by the Board of Trade of Elmira, N. Y., for best new Chrysanthemum, at the last exhibition of the Elmira Hort. Society.

lime as you do of bone meal before planting. One dose like this will usually do the work, but it can be repeated in a couple of weeks if deemed necessary. An application about once in six weeks would greatly benefit his carnations and keep his soil in good condition.

A. F. J. BAUR.

A HANDSOME TROPHY.

We present herewith an engraving from a photograph of the silver cup offered by the Board of Trade of Elmira, N. Y., for the best new chrysanthemum at the exhibition of the Elmira Horticultural Society. It was won this year by Miller & Sons, Bracondale, Ont., with the big white Timothy Eaton. The variety was illustrated in these columns last month.

The Elmira Horticultural Society is a progressive body and it is a pleasure to note that it has secured such recognition from the business men of the city as to result in the offering of such a handsome trophy by a body representing the city's commercial interests.

ST. LOUIS.

The Market.

The cut flower trade during the past week was rather quiet, however, with some funeral work and working up greens and Christmas designs every one appeared busy.

The weather the past week was fine and should make cut flowers of all kinds plentiful for the holiday trade. The indications at this writing are that trade will be fully up to last year's mark; prices have stiffened considerably on all stock except Roman and paper white, which have been plentiful.

Plant sales are reported large and palms of every description take the lead, with ferns, azaleas and other blooming plants following. Taking it all together the store men here may well be pleased with their sales before this Christmas. Many orders will, of course, come in the last day, which, here, is considered the best day.

Great quantities of Christmas green, holly and laurel have been sold and many are already sold out, as ground pine was scarce and many had only a limited supply on hand; still, with the scarcity of greens the fakirs were offering wreaths for sale at cheap prices, the wreaths being, of course, very inferior to those sold by the florist.

Christmas prices went into effect Saturday. Roses seemed rather plentiful with prices ranging from $6 to $12 for Brides, Maids, Perles, Meteors, Golden Gates and Wootton. Some extra fancy stock sold as high as $15 per 100. American Beauties of the first grade brought $1 to $1.50 each and from that down to $2 per dozen for short stemmed ones. Beauties will be very scarce for the holiday trade.

The supply of carnations should be good and the demand should equal it. Some very fine blooms are coming to this market which bring top prices. Extra fine Lord, Crocker, White Cloud, Bradt and Crane bring $5 and $6; seconds $3 and $4; very few are sold under this price just now. California violets piled up at an alarming rate the past week, but were cleaned out the latter part at 75 cents per 100. Good fresh stock will bring from $1.50 to $2 per 100; of small singles and doubles none are in the market.

Romans and paper whites will stand at $3 and $4. The best valley brings $6; some is sold at $4. Smilax is fine and is sold at $15 with a good supply in the market. Asparagus and adiantum are also selling well.

The wholesale dealers are all smiles these days as stock is going at a rapid rate and at good prices. Saturday and Sunday all hands were busy packing and shipping and the wholesalers claim that shipping trade was never better than this year. In the next issue of the REVIEW we can give a more accurate account of the Christmas trade.

Notes.

Wm. Lyred, who opened the first flower store in St. Louis some 35 years ago, died last Tuesday at his place near Webster of lung troubles. Mr. Lyred was well known by all the local trade, and a number of the old timers attended the funeral.

J. J. B.

BUFFALO.

The Christmas Trade.

There is about one hour to spare between business and Christmas turkey. Just time to tell you, Mr. Editor, what little I know of how business has gone in general and with us in particular. It will be very safe to say that it is larger than ever, because in a growing community we expect that. First, there has been far more gayety in our society circles than ever before, which kept several firms on the jump. Church decorations were perhaps about as usual, certainly not any more. The great business with the florist, as it is with all business men except perhaps the barber, is the Christmas present business. It has grown and grown to prodigious proportions. And who could or would be bold and cruel enough to say there will ever be any reaction. The florist is decidedly in it when presents have to be bought, and it is at least 80 per cent of all the business done.

You don't want a newspaper man's account of this extraordinary time; you want to know what sold best. With some firms flowers were the leading article, with others plants. I think as presents that plants must have taken the lead. I never remember less kicking, or to use a more polite phrase, less grumbling at prices than this year, which must be conclusive evidence that people generaly are feeling well to do. "Violets are $4 to $5 a hundred, yes, sir, fine ones. Carnations $1 a dozen for the ordinary and $1.50 to $2 for the fancy kinds. I am sorry to have to tell you that Beauties are $18 to $24 per dozen. Other roses? Oh, yes, sir, quite different; Bride, Bridesmaid and Meteors from $3.50 to $5 per dozen." And so it went, with scarcely a remark of, "What dreadful prices," which we so often heard in other years.

In plants I must give the preference to azaleas. Many more good plants of these could have been sold, especially was there a demand for large azaleas worth $7 or $8. All good cyclamen sold readily and many palms and Boston ferns were disposed of. Since we have been growing poinsettias in pans the people have been quite spoilt and no longer want a single plant. Many pans

were sold at $3 to $5. Begonia Lorraine went only fairly well. People are already onto its frailties. If there had not been a plant of them offered till the last moment they would have gone better; they were no novelty here. I believe small but well flowered plants of Cypripedium insigne will be one of the leading Christmas plants of the future. There was no call for rubbers to keep your feet dry, but rubber in the growing state sold well and there was a better demand for araucarias than we expected.

We saw no imported mistletoe, but the native species filled the bill and was in good demand. The amount of holly disposed of and used must have far exceeded any previous year. A week before Christmas it went begging, hundreds of cases at any price, but yesterday afternoon it was gone somewhere, and our commission man, Kasting, had the audacity to ask $5 a case. If he had the pluck to buy a lot cheap when it looked as if a bonfire would be the end of ear loads he deserves to make a good thing out of it.

If you were to ask me what were the features of the business, I could only generalize and say it was immense all round and mostly pleasantly done. Personally we would have liked a few thousand more good colored carnations, and we are going to have them. It's a pity to see flowers go up so high, but how can it be helped? Occasionally a woman past the attractive age says, "Oh, la, that makes 'em sot high?" And then we always feel like, and occasionally do, indulge in a little dessertation, which relieves us, but does no other good. "If you could manufacture these flowers as you can mousetraps, earrings or ladies' hats and put them on a shelf, they would not go up so in price, but we cannot, and if we could there would be no charm about them, and a rose bush blooms no more for Christmas day than any other day, so as there is not enough to go around, those that have the price must have the blossoms." That's the essence of our story, with variations and fluctuations according to the victim we have in hand or the state of our liver.

While the florists should feel grateful that they have largely participated in the general prosperity and good times, for I do believe that hundreds of our wealthy people resort to a handsome plant or box of flowers as conveying their joyous wishes to friends better than anything, yet we must notice the extraordinary growth of this Christmas giving institution. It pervades all ages and sexes and conditions of life. It's a tremendous circulator of money, and the bills that come in to poor papa after New Year's makes many hump, but don't think of that till the evil hour comes; think of the beautiful slippers and muffler and your own picture framed that your dear wife and daughter hung on the tree last night while you were hard at work.

Some of us are growing old and can only participate actively in the busy work of a few more Christmases. I have found this year that the boys will do the business all right and will do it better if not bothered with the fussiness of the old man. Take it easy and through the gray smoke of the best cigar you can afford listen to the marvelous ways that the young men did the business, and if they will listen tell them how you twenty years ago put in sixty hours' work around Christmas without closing your eyes. If they are meek, dutiful boys they will say, "I know you must have worked terribly hard, papa." If they are natural, wideawake boys, they will say, "Smoke up, father."

For the past week we have been able to deliver plants in an open wagon and not till this morning did it fall below the freezing point, with just enough of the beautiful to give the landscape a light overcoat. Yesterday's papers announced that Sunday evening while Park Commissioner Kasting and his family were away from home burglars entered their residence by a duplicate key and ransacked the house, taking with them Mr. and Mrs. K.'s stock of jewelry and trinkets. Very sorry to hear it, but that's one of the evils of owning jewelry. W. S.

CHICAGO.

The Market.

The Christmas trade was immense and broke all records. Though the supply was short of demand orders were filled better than seemed likely a few days before the holiday. This was especially the case with American Beauties, the advance orders for which were filled full in most cases. A more serious shortage developed in high grade Maids and Meteors. Prices on first class stock held right up to advance quotations but there was a good deal of undergrade and pickled stuff in evidence, a good deal of which sold at low figures, especially poor white carnations and bulb stock. Inferior violets also suffered though really first class flowers brought top price.

There was a big call for fancy carnations and everything in this line went well at fancy prices, the very best bringing $6 to $8 per 100. One feature of this year's Christmas trade was that there was no grumbling about prices so long as the stock was really first class.

It would appear that the total volume of trade in money value was on the average some little in excess of last year, but there were many growers whose crops were small and the quality poor whose returns were considerably smaller. It is evident that the grower of low grades will be more apt to get the best value from his stock by keeping the flowers coming to market as they are ready rather than attempting to store it. In the latter event he is apt to lose entirely what value there may be in the stock.

The retailers all did a rousing big business and aside from some unfortunate experiences with pickled stock are well satisfied with results. There were some pickled Beauties in circulation that caused a good deal of wrath. They had kept their color but the heads would drop off on slight provocation.

The market is still rather hare and prices have fallen off but little from Christmas rates. The prospect is that prices for New Year's will be about 20 to 25 per cent less than for Christmas.

Various Notes.

There was no meeting of the Florists' Club last Friday evening as every one was too busy with holiday business to attend.

The youngest son of John Zech died last Friday morning of scarlet fever, aged 3 years and 4 months, after an illness of twelve days. Mr. Zech has the sympathy of many friends in his affliction. The sad event naturally interfered considerably with his attention to business during the holiday trade.

Mr. S. W. Pike, St. Charles, Ill., was a visitor last week.

Bassett & Washburn's Christmas trade exceeded $6,000, which was considerably more than for any previous Christmas.

Lady Campbell violets don't move in this market so long as there are dark ones to be had. The retail buyers seem to imagine they are pale because the flowers are not fresh and pass them by. As a consequence the dealers avoid them.

THE GOLDEN ELDER.

This is a form of the European Sambucus nigra, known there as the Boon-tree, Burr-tree and common elder. The generic term sambucus is derived from the Latin word sambuke, an ancient musical instrument supposed to have been made from the elder wood.

This golden-leaved form is but one of many departures from the type. There are several cut-leaved forms, some with variegated foliage, and again a change in the color of the fruit. The subject of these notes is one of the few golden-leaved shrubs that stand the full sun without burning; in fact, it must have the full sun to color well. While it is a strong growing shrub, attaining a height of some eight feet, it may be kept within bounds by a severe cutting in each spring, and a still more dense head may be obtained if the growing tips be pinched back at times during the summer. It seems to thrive in any soil or situation.

The elder has probably had more admiring friends and more bitter enemies than any shrub we are familiar with. It has been called "the stinking elder," and supposed to be associated with evil. In mediæval times it was said that Judas hung himself upon the "tree of eldre." However, it also had its friends, as in 1644 there appeared a book devoted entirely to its praise that went through several editions, being published both in Latin and English. In Southern Germany it is believed to drive away evil spirits; in Denmark and Norway it is held in esteem, and in the Tyrol it is said that an elder bush trained into the form of a cross is planted on the new made graves and if it blossoms the soul of the person lying beneath it is happy.

Bellerophon.

CATALOGUES RECEIVED.

S. W. Pike, St. Charles, Ill., wholesale price list of rooted cuttings; R. A. Lee, Evergreen, Ala., decorative evergreens for social occasions; California Rose Co., Los Angeles, Cal., illustrated and descriptive book of field-grown, own-root roses; F. Ludemann, San Francisco, Cal., special wholesale list of trees, shrubs, roses, camellias, etc.; F. C. Heinemann, Erfurt, Germany, special offer of novelties and specialties; N. Smith & Son, Adrian, Mich., preliminary list of novelties; Geo. M. Carter, Evergreen, Ala., decorative evergreens for all occasions.

Now is the time to prepare your adv. for our special Carnation Number, to be issued Jan. 10.

For Yew Year's Trade.....

we shall have a large supply of CHOICE

AMERICAN BEAUTIES

especially long. A fair supply of

Brides, Maids, Meteors, Perles, Common and Fancy Carnations, plenty of

Valley, Paper Whites, Romans, Violets,

and all other stock in season.

SEND IN YOUR ORDERS LARGE OR SMALL.

WE CAN FILL THEM IF ANYONE CAN.

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32-34-36 Randolph St., CHICAGO.

Long Distance 'Phone 1977 Central.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

PRICE LIST.

BEAUTIES.	Per doz.
Long stem, 36 to 48 inches...	$ 8.00 to $10.00
" 24 to 30 inches	8.00
" 20 inches	6.00
" 15 inches	4.00
" 12 inches	3.00
Short stem..... 1.50 to	2.00

ROSES.	Per 100
Brides.....	$10.00 to $12.00
Meteors and Maids	12.00 to 15.00
Perles	8.00 to 10.00
Roses, good seconds	4.00 to 6.00

CARNATIONS.	
Standard sorts.....per 100,	$3.00 to $4.00
Fancy ..... "	5.00 to 6.00

MISCELLANEOUS.	
Valley .....per 100,	$4.00 to $5.00
Paper Whites..... "	3.00 to 4.00
Romans..... "	2.00 to 4.00
Violets..... "	1.50 to 2.50
Sievia..... "	1.50 to 2.00
Callas.....per doz.	1.50 to 2.00
Mignonette ..... "	.50 to 1.00

DECORATIVE.	
Asparagus.....per string,	$ .75
Galax, green, 10,000 for $7.50; per 1000, $1.00. ....per 100,	.15
" bronze, per 1000, $1.50; "	.25
Ferns, per 1000, $1.50 ..... "	.20
Leucothoe Sprays..... "	.75
Adiantum..... "	$1.00 to 1.25
Smilax .....per doz.	1.50 to 2.00
Wild Smilax, parlor brand, per case,	**$3.25**
" **medium** ..... "	**4.25**
" **large** ..... "	**5.50**

Quotations are for good selected stock.
Extra selected charged for according to value.

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Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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STREET TREES.

Frederick W. Kelsey, of Orange, N. J., has secured the passage of a law in New Jersey that enables municipalities to control through a commission the planting and care of street trees. The city of Passaic was one of the first to adopt the law and several thousand trees have already been planted there by the commission appointed under the act. The advantages of having a matter of this sort under the control of the city government is obvious, as only in this way can the work be done with system and uniformity.

In the city of Washington the street trees have long been in charge of a commission, of which Sup't W. R. Smith of the Botanic Garden is the active head. A property owner once complained that a tree was shading his house too much and applied to the commission to have it moved, and Mr. Smith's characteristic response was, "Move your house, sir."

A FRENCH GROWER estimates the number of distinct varieties of chrysanthemums grown in France at 8,000 to 10,000.

REVERE, MASS.—J. B. Shurtleff, Jr., the florist, is secretary of the Revere Taxpayers' Association, an organization formed for the purpose of protecting the interests of the taxpayers. The membership is confined to those whose real estate is assessed for taxation at $2,000 or more.

AMERICAN ROSE SOCIETY.

Arrangements have been completed for holding the second annual exhibition of the American Rose Society on March 19, 20 and 21, 1901. The exhibition will take place in the ballroom of the Waldorf-Astoria Hotel, New York, and the proceeds will be devoted to the charitable department of the Loomis Sanitarium for Consumptives, an institution which has enormous calls upon its resources in and around New York City. The schedule of the exhibition which has already been distributed, will be sent by the secretary, 136 Liberty street, New York City, on application. Several special prizes in the form of cups and other plate are being arranged for and indications point to a brilliant event. The art management of the exhibition will be in the hands of one of New York's most able artists.

AMERICAN CARNATION SOCIETY.

Mr. Edgar McConnell, Sharon, Pa., registers the following: Sunrise—Color outer part of petals pure white, blending to a clear pink at the center. Flowers two and one-half to three inches, with fine clove fragrance, and hold their size and color to midsummer. Stems strong and wiry, eighteen to thirty inches long. Calyx never bursts. Foliage and growth, McGowan type; a vigorous and rapid grower and a very free and continuous bloomer. Albert M. Herr, Sec'y. Lancaster, Pa.

An adv. in our Special Carnation Number, to be issued Jan. 10, will do good business for you. Send copy early.

Trenton, N. J.—The New Jersey State Horticultural Society will hold its twenty-sixth annual meeting at the state house in this city Jan. 3 and 4. An unusually interesting programme has been prepared.

Pacific Grove, Cal.—A museum of natural history has been established in this city and it was formally opened to the public Dec. 11. The specimens include a valuable collection of Monterey county plants. Miss M. E. B. Norton is curator of the museum.

Jackson, Miss.—The magnolia has been adopted as the state flower of Mississippi. An election was recently held in which a total of 23,278 votes were cast for forty-two different flowers and the magnolia received 12,745. The cotton bloom was the magnolia's chief competitor, but sentiment won over typified industry.

Randolph, Vt.—Harry M. Totman has purchased of his brother, Forest, the latter's interest in the greenhouse business they have conducted together the past year. He expects to add new glass in the spring.

Utica, N. Y.—Edwin J. Glover, the florist, died Dec. 16, after an illness of several months due to heart trouble. He was born in England in 1840 and came to America in 1858. He leaves a widow and five children. The business will be continued by his sons.

Houston, Texas—The fourth annual flower parade was held Dec. 14, and a large number of decorated vehicles took part.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
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Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
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Wholesale grower of and dealer in
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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WHOLESALE FLORIST,
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Mention The Review when you write.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

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LAUREL FESTOONING
Best in the market.

5c to 6c per yard.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write

HEACOCK'S PALMS. I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.; $100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.

COCOS WEDDELIANA.

1 plant,	3-inch pot,	12 inches high	$ 25.00 per 100
3 "	5 "	18 "	$1.00 each, 100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.; $ 35.00 per 100
6 "	6 "	24 "	15.00 " 125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.; $35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each, 12.00 per doz.
6 "	5 to 6 "	30 "	1.25 " 15.00 "
8 "	6 "	36 to 40 "	3.00 " 36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

Burpee's Seeds Grow

SPECIAL SALE OF CHRYSANTHEMUM STOCK PLANTS.

To Close Out At Once we will make a reduction of 10 per cent from the following prices for all orders received before January 1st, 1901.

Our stock plants are in fine condition, packed with care and we guarantee satisfaction.

Ivory, Fitzwygram, Robinson and 20 others, **5c** each.

Perrin, Jora, Constable, W. King and the early Yellow Fitzwygram, **10c** each.

Mrs. G. F. Baer, Mlle. L. Faure, Chadwick, **15c** ea h.

Shilowa and Xeno, **25c** each.

We will prepay express on orders amounting to $2.50 or over. Booking orders now for last year's Col. D. Appleton, Shilowa, Monrovia, Xeno, Gold Mine, Pluma and Superba at **$6 00** per 100. Orders filled in rotation as received.

COTTAGE GREENHOUSES,
LITCHFIELD, ILL.

Mention The Review when you write.

FOR SALE.

Smilax, from flats .....30c per 100; $2.50 per 1000
" from 2-inch pots..... $1.00 per 100
100 Mignonette Plants (Allen's Defiance), mostly in bud .....3c each; $2.50 per 100
Cyperus Gracilis, 4-inch ..... 75c per doz.
Tomato Plants, pot grown, Beauty and Lorillard, ready January 1st, 1901.

MRS. GRISWOLD, - Worthington, Ohio.

Mention The Review when you write

IF YOU want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of one cent a word.

NOVELTIES OF CHRYSANTHEMUMS, CARNATIONS, CANNAS and GERANIUMS, our SPECIALTY

Preliminary List Now Ready.
Free to All Applicants.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

F. B. HAYES THE BEST LATE PINK **CHRYSANTHEMUM**

Stock plants for sale. $2.00 per doz., $15.00 per 100.

WILLIAM SIM.....Cliftondale, Mass.

Mention The Review when you write.

Hardy Pinks Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.
Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 86 W. 12th St., HOLLAND, MICH.

Mention The Review when you write.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

SAMUEL S. PENNOCK. Wholesale Florist

{ Commencing October 1st, 1900, will } { be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

DETROIT.

Christmas Trade.

Christmas, the last one in the 19th century, has come and gone and take it all in all has been a record breaker in every way. The weather has been all that anyone could wish for the delivery of stock, and the streets of our city have presented the appearance of those of some country town, on the occasion of a fair, being continually jammed with buyers and shoppers for the last two weeks.

Prices have ruled higher than formerly, for stock was none too plentiful on account of the dark weather and lack of sunshine for some time back. Carnations were very short. Roses in better supply but rather soft. Violets also short but some very fine ones coming from Mt. Clemens helped out. Breitmeyer & Son having a house of Farquhar just right. In carnations Rackham had a house of Crane that were very fine and prices realized confirmed the retailers in their opinions of him as a robber, but they were glad to get the stock just the same.

The call at Breitmeyer's seemed to be for baskets, ranging from $5 to $25, filled with plants.

Sullivan, Detroit Floral Co., and Taepke all report trade as exceptionally good in plants and cut flowers.

In the green goods line the bulk of the trade is done by the grocery and cornerstores and the florists in general are willing they should do it.

Club Notes.

Four new members were added to the roll at the last meeting and the premium list was adopted for the show which the club has decided to hold next November, 12 to 15 inclusive, and all seem very enthusiastic in the matter. The plan of having a question for each meeting and discussing it is proving a success and a benefit to the club. RAG.

JAPAN FERN BALLS.

How shall I treat Japan fern balls just received? SUBSCRIBER.

Plunge the dormant fern balls in a tub of water and after they are thoroughly soaked suspend them in a temperature of 50 to 60 degrees. Do not expose the young fronds to the direct rays of the sun. Do not allow the balls to get dry, but repeat the soaking process as needed. The foliage appears in two or three weeks. It will die off in late fall and a rest should then be given, starting anew after that. When growth is strong an immersion in weak manure water is beneficial. H. H. B.

A LARGE-FLOWERED heliotrope that originated in Quedlinburg, Germany, has been named Heliotropium hybridum grandiflorum mammuth.

AMONG the novelties shown at the Paris exhibition by Linden was Ardisia Brandneriana, a dwarf species with shining, undulate leaves.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

EMERGENCY BOILERS.

My entire plant of 10,000 feet of glass is heated by one big steam boiler and it has done the work easily. But about 4 o'clock in the morning of Sunday last, when the thermometer outside stood at only 8 degrees above, I discovered a small crack in the boiler. I opened the safety valve and put the fire out at once, and found that there was a 6-inch crack just over the firebox. It was evident it would take a long time to make repairs. I got all the oil heaters I could and set them around, but the temperature in the houses fell rapidly. Fortunately the sun came out brightly in the morning and I was safe for the day.

Some miles from my place I found a farmer who had two engines used for threshing grain. I got these at 3 o'clock in the afternoon and by 4 o'clock had them connected with my piping and steam enough to keep the frost out until I could set a new boiler. As these threshing engines are on wheels they can be quickly moved. I thought the suggestion might be useful to some brother florist when unfortunate enough to have a boiler give out.

ANT. C. ZVOLANEK.

Grand View, N. J.

PLEASE SEND advs. early for our special Carnation Number, to be issued Jan. 10.

FARGO, N. D.—A. T. Shotwell has purchased the business of the North Dakota Floral Co., of which A. Norlander was proprietor.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—First class grower of roses, bulbs, violets and general line of cut flowers, desires position; A1 references from former and present employer for ability and sobriety; near Philadelphia preferred; state wages and particulars. Address Grower, Burmont, Del. Co., Pa.

SITUATION WANTED—By first class gardener, married, in private place; expert in growing roses, carnations, mums and general greenhouse plants; best references from Germany, Holland, Switzerland and this country; Pennsylvania preferred. Address Penn, care of Florists' Review.

WANTED—Reliable, competent grower on commercial place Steady employment for right man. State experience, wages, etc. Central Greenhouses, Sandusky, O.

SITUATION WANTED—By a first class grower of roses and general stock; single, middle age, can take charge, good reference; state wages without board. Address Chicago, care of Florists' Review.

FOR SALE—Return head coil boiler, with grate-bars, door and frame; will heat 3,000 feet of glass. Geo. Staffinger, Springville, N. Y.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot-plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

SITUATION WANTED—By florist in commercial or private place as foreman or manager. Would rent stocked place—5,000 to 10,000 square feet. Correspondence solicited. P. O. Box 161, Roodhouse, Ill.

SITUATION WANTED—As foreman or section man; American, single, age 41; 20 years' experience in growing roses, carnations, violets, general stock; also good propagater; best of references; sober and reliable. Address W. A. C., care of Florists' Review.

WANTED—A single man with small capital to run market garden and greenhouses on halves. Must understand his business. Address G. G. Ledder, 302 Washington Street, Boston, Mass.

WANTED—A strictly sober night fireman that knows his business. Steam boiler. H. McMichaels, Morton Grove, Ill.

FOR SALE—230 feet second hand A No. 1 two-inch pipe. Make me best offer. D. M. Alexander, Westerville, Ohio, Franklin Co.

FOR SALE.

An up-to-date Greenhouse, Vegetable Garden and Dwelling, in a live city, Central New York. Business well established and profitable.

A RARE CHANCE.

For full particulars, address M. F. HOBART, P. O. Box 1441, Penn Yan, New York.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y. SADDLE RIVER, N. J.

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

THE BIG FOUR.

OUR INTRODUCTIONS OF NEW CARNATIONS
....FOR 1901....

Sunbeam: Extra bright flesh pink, early free and continuous bloomer. Flowers of good form and size, borne on long stiff stems..... Per doz. $1.50 Per 100 $10 Per 1000 $75

Bon Homme Richard: White, extra-ordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long..... $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground. Quick seller, extremely free bloomer, fine form and stiff stem.... $1.50 $10 $75

Prolifica: Cerise pink. Very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer..... $1.50 $10 $75

First lot ready February 1, of the above four varieties.

OTHER VARIETIES.

		Per 100	Per 1000
Mrs. Thos. W. Lawson	cerise pink	$7.00	$60.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
America	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Maceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
Whitley	white	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Evelina	white	1.00	8.00
Armazindy	variegated	1.00	8.00

ROOTED CUTTINGS of STANDARD Varieties
READY JANUARY 1st.
Write for Descriptive Catalogue.

CHICAGO CARNATION COMPANY, - JOLIET, ILL.

150,000 STOCK PLANTS and ROOTED CUTTINGS

NOW READY FOR IMMEDIATE DELIVERY AT POPULAR PRICES.

ROSES, Brides, Bridesmaids, Meteor, Perle, Kaiserin and Golden Gate, big strong rooted cuttings, $1.50 per 100; $12.50 per 1000. Any quantity from own use.

CARNATIONS, strong healthy cuttings, well rooted, in any quantity, embracing the 25 choicest varieties in cultivation. See our list and prices.

GERANIUMS, Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. J. M. Gaar, Mme. Jaulin, Frances Perkins and other varieties, strong 2½-inch plants $2.50 per 100; $22.50 per 1000. Strong rooted cuttings of above, ready for 2½-inch pots, $1.50 per 100; $15.00 per 1000. All kinds mixed, $1.25 per 100; $10.00 per 1000. Rose Geraniums, rooted cuttings, $1.00 per 100.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $5.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2½-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

PETUNIAS, double fringed. Henderson's and Dreer's latest sorts, including also White Fawn, Mrs. Sander and Pink Perfection. Large rooted cuttings, ready for 2½-inch pots, $1.25 per 100 by mail; $10.00 per 1000 by express. Pure white only, $1.50 per 100.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnaut, latest novelty in white, and Princess Pauline, latest blue, strong 2½-inch, $1.50 per 100; strong R. C., 60c per 100, (special).

ALTERANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2½-in., ready for 3-inch, $2.00 per 100, (special).

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Mention The Review when you write.

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NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $95.00 per 1000; $7.00 per 100.

" for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $1.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by **F. W. O. SCHMITZ, Jersey City, N. J.**

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Primroses.

1000 Chinese Mix. 2-inch pots..... per 100, **$1.00**
Asparagus Sprengeri..... " **2.00**
Alternanthera, red and yellow, Feb. 1, " **2.00**
Ageratum, blue, Feb. 1..... " **2.00**
Geraniums, our selection..... " **3.00**

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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THROUGH SLEEPER TO HOT SPRINGS VIA THE WABASH ROAD.

The Wabash road, in connection with the Iron Mountain, now operates a through sleeper from Chicago to Hot Springs, Ark., leaving Chicago daily at 11:03 a.m., and arriving at Hot Springs next morning at 9:00 o'clock—only 22 hours from Chicago. Write for booklets giving full information about this great health resort. Ticket office, 97 Adams street, Chicago.

WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb. box, $1.00. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

Mention The Review when you write.

LETTUCE, Big Boston and Boston Market, and other varieties, 15c per 100, $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE, Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD.

Mention The Review when you write.

PELARGONIUMS.

Rooted Cuttings, good varieties, named, $2.00 per 100. Heliotrope R. C., 14 varieties, $1.00 per 100, $8.00 per 1000. Petunias, dble., good varieties, $1.25 per 100; Giant Alyssum, $1.00 per 100. Verbena R. C., 35 varieties, 60c per 100; $5.00 per 1000. Coleus R. C., 30 varieties, 60c per 100; $5.00 per 1000. Satisfaction guaranteed. Cash with order. Express prepaid on all R. C., except Pelargoniums. Write

S. D. BRANT, - CLAY CENTER, KAN.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

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THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant $0 50	50 Plants $10 00	500 Plants ..... $ 70 00
12 Plants 5 00	100 " 16 00	750 " 101 25
25 " 8 25	250 " 37 50	1000 " 130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., - Flatbush, N. Y.

Mention The Review when you write.

MILWAUKEE.

Christmas Trade.

Christmas trade was unprecedented. White stock was the only weak spot in the market, and as good colored stock was short of demand much of the white was substituted and worked off at good prices.

The supply of holly was almost entirely exhausted and much more could have been sold had good stock been obtainable.

Dealers report the sale of palms and blooming plants far in excess of former years.

A most noticeable feature was the absence of pickled stock—a feature quite satisfactory to both wholesaler and dealer.

American Beauties were extremely scarce and prices were almost beyond reach of buyers. Good fancy carnations, violets and colored roses led the call, while Romans, valley, paper whites and stevia were plentiful. Geo. W.

Astoria, L. I.—Fire did damage amounting to $200 in the greenhouse of Dr. B. A. Sill the night of Dec. 16.

If you have anything to offer to the trade you will want an adv. in our special Carnation Number, to be issued Jan. 10.

Paris, Ill.—F. R. Magner, president of the Levings Bros. Seed Company, was instantly killed by the accidental discharge of his gun while hunting recently.

Indianapolis, Ind.—At the annual meeting of the Indiana State Horticultural Society, held here last week, officers were elected as follows: President, C. M. Hobbs, Bridgeport; vice president, Mrs. W. W. Stevens, Salem; secretary, Prof. James Troop, Purdue University, Lafayette; treasurer, Sylvester Johnson, Irvington.

One of the neatest bits of printing we have seen for some time is the price list of gladiolus bulbs issued by Arthur Cowee, of the Meadowvale Farm, Berlin, N. Y. It is printed in two colors and contains a great deal of useful information about the gladiolus as well as prices. Mr. Cowee is acting as agent for the United States for H. H. Groff, the hybridist, of Simcoe, Ont. He sends with the price list a calendar the main feature of which is a reproduction of the certificate of merit awarded him by the Society of American Florists for his great display of gladioli at the New York convention last August.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.
IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

From photograph of Queen Louise.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. No other Carnation can stand such a test.

Rooted Cuttings READY February 15th. Price $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

THADEN'S WIRE TENDRIL.

Pre-eminently adapted to Roses and Carnations on account of its Economy and other advantages.

With the Tendril, Roses, etc., may be trained to an upright position from the start.

The Tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be moved up or down the stakes. Easily put on and easily taken off; and are durable.

Samples and prices on application.

H. THADEN & CO.,

Florists and Seedsmen,

23 S. Broad St., ATLANTA, GA.

Mention The Review when you write.

We are booking orders for Rooted Cuttings of CARNATIONS.

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Geranium America!

A QUEEN AMONG GERANIUMS

Color, from purest white to deepest rose.
Dwarfness, just right.
Floriferousness, astonishing.
Strong Plants, $5.00 per 100. 25 at 100 rate.
Ready now.

HENRY EICHHOLZ, - Waynesboro, Pa.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders, I'll make it worth the trouble of writing for prices now.

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

CARNATIONS --- ROOTED CUTTINGS.

	Per 100	Per 1000
Gen. Gomez	$2.00	$18.00
Ethel Crocker	3.50	30.00
White Cloud	1.50	11.00
Flora Hill	1.25	10.00
William Scott	1.25	10.00
America	2.00	18.00
Melba	1.50	12.00
Glacier	1.50	12.00
Daybreak	1.50	12.00
Mrs. Bartlett	5.00	45.00
Mary Wood	2.00	18.00
Genevieve Lord	3.00	28.00
Morning Glory	5.00	45.00
Mrs. G. Bradt	2.50	22.00
Gen. Maceo	2.50	22.00
G. H. Crane	2.50	22.00

Ageratums—Cope's Pet, Lady Isabel, 50c per 100

CASH WITH ORDER.

H. E. MITTING, FT. DODGE GREENHOUSE CO.

Manager. FT. DODGE, Iowa.

Mention The Review when you write.

Genevieve Lord

The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants, New and Old Varieties. Write for prices.

H. WESBER & SONS, Oakland, Md.

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Orders Now Booked for ROOTED CUTTINGS of CARNATIONS.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

GENEVIEVE LORD

The peer of Pink Carnations. Orders taken now for Rooted Cuttings, ready for delivery after January 15. $5.00 per 100, $40.00 per 1000. Also

Perle Rose Cuttings,

$3.00 per 100, $25.00 per 1000.

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem, form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free; stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100.00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation. The winner of the Lawson Gold Medal in 1900. **$16.00** per 100. **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100; **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

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BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { **ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.**

Mention The Review when you write.

100,000 R. C. Carnations Ready to Ship.

	Per 100	Per 1000
A. Mitting, 1901, light cream, 4-inch bloom	$10.00	
Mrs. A. Mitting, clear pink, fine, 1901	10.00	
Master De Koo Mitting, 1901, fine white	10.00	$75.00
Mrs. Thos. W. Lawson	7.00	60.00
Olympia	5.00	40.00
Genevieve Lord	4.00	35.00
E. Crocker	4.00	35.00
Morning Glory, the coming Daybreak	4.00	35.00
Mrs. G. M. Bradt	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.50	20.00
Gen. Gomez	2.00	15.00
White Cloud	1.50	12.50
Peru	3.00	25.00
Mrs. F. Joost	2.00	15.00
Flora Hill	1.50	12.00
Argyle	1.50	12.00
Daybreak	1.50	12.00
Wm. Scott	1.25	10.00
Armazindy	1.25	10.00

25 Cuttings at 100 rates; 250 at 1000 rates. Cash or C. O. D.

THE MORRIS FLORAL CO. Morris, Ill.

Mention The Review when you write.

SURPLUS STOCK - MUST HAVE ROOM.

THIS OFFER FOR ONE WEEK ONLY.

Baby Primrose	(in flats) at	$2.00 per 100.	**Vinca Variegated**	2¼-in. at	$2.50 per 100
" "	2-inch at	3.00 "	" "	3-in at	4.00 "
" "	2½-inch at	4.00 "	" "	3½-in at	8.00 "
			" "	4-in at	10.00 "
			" "	5-in at	15.00 "
			" "	Rooted Cuttings, at	$10.00 per 1000; $1.25 per 100.

Send for list and prices of Plants and Rooted Cuttings.

Terms Cash or C. O. D.

Will exchange for Elm City and Phenomenal Fuchsia Stock Plants.

GREENE & UNDERHILL, - WATERTOWN, N. Y.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderi, strong 2½-in. plants, $3.00 per 100. Conard & Jones Co., West Grove, Pa.

AGERATUM.

Copa's Pet and Lady Isabelle, rooted cuttings, 60c per 100. Cash. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Ageratums. Stella Gurney, $4.00; Princess Pauline, $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

Ageratums, blue, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, red, yellow and pink, 2¼-in., 4 months old, $2.00 per 100. Mrs. Huldah Salveson, Petersburg, Ill.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

A. nana, yellow; P. major, red; R. nana, pink, 50c per 100; $4.00 per 1,000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALYSSUM.

Rooted cuttings, $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

ANTHERICUM.

Anthericum variegated, 3-in., fine stock ready for 4-in., $4.00 per 100. Cash.
Beach & Chessman, Richmond, Ind.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 6-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.60	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	6-inch	6.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus Sprengeri, from 2½inch pots, $2.50 per 100; $20.00 per 1,000. From 4-in. pots, $1.00 per doz, $8.00 per 100. Asparagus P. Nanus, from 4-in. pots, $1.00 per doz, $8.00 per 100. Asparagus Tenuissimus, nice 2½-in. plants, $3.00 a 100. Cash. The John A. Doyle Co., Springfield, O.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $2.50 per 100; $20.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

Asparagus Plumosus. Good stock, in 3-in. pots, $8.00 per 100; $70.00 per 1,000. 2-in. pots, suitable for ferneries, $5.00 per 100; $45.00 per 1,000. C. W. Cox, 2d and Bristol Sts., Philadelphia, Pa.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.60 per 100, $65.00 par 1,000. A. Sprengeri, 2½-in., $2.60 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

A. Sprengeri, 2½-in., $2.60; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus. Extra fine. To clear out, 3-in. pots, $6.00 per 100; $50.00 per 1,000. Charles Zimmer, West Collingswood, N. J.

Plumosus and Sprengeri, out of 3-inch pots, $8 and $6 per 100. Cash. A No. 1 stock for the money. Geo. Just, Jacksonville, Fla.

Sprengeri, strong 2½-in., $3 per 100. Strong 3-in., $4 per 100. Kennedy & Farnham, Carrollton, Mo.

A. Sprengeri, 2-in., $2.00 per 100. Special cash sale. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 3-in., strong, having 10 to 12 growths. Extra fine stock, $4.00 per 100. Cash.
Jacob A. Fries, Bethlehem, Pa.

A. Sprengeri, 3-in., $5.00, 4-in., $10.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Strong, 2¼-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

A. Sprengeri, 2-in., $2.50 per 100. Cash.
Beach & Chessman, Richmond, Ind.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

White Azalea Indica, American grown, large crowns well set with buds, 6-in. pots, $4.00 and $6.00 per doz. C. Wm. Gotthardt, 265 Winfield Ave., Jersey City, N. J.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Ricinifolia and speculata, 3-in., $7 per 100. Kennedy & Farnham, Carrollton, Mo.

BOUGAINVILLEA.

Bougainvillea glabra Sanderiana, extra fine, 4-in., $2.50, 5-in., $3.00 per doz. Michel Plant and Bulb Co., St. Louis, Mo.

BULBS.

TULIPS. Cottage Maid, Chrysolora, D. de Parma, Joost van Vondel, La Reine, Rose grisde-lin, Yellow Prince, La Candeur, Parrots, double and single to color. Any of these, 100, 50c; 1,000, $4.50; 10,000, $40.00.

Tuberous Rooted Begonias, single flowers, 1 to 1½-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 50c; 100, $2.50.

	Doz.	100.
Double flowers, separate colors, extra, first size	75c	$5.00
Second size	60c	4.00
Gloxinias, very large bulbs, mixed	50c	3.00
Gloxinias, separate colors	60c	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
H. H. Berger & Co., 47 Barclay St., New York.

Lillium auratum, prime stock, 7-9 inches, 50c per doz, $3.75 per 100, $35.00 per 1,000; 9-11 inches, 85c per doz, $6.25 per 100, $60.00 per 1,000; 11-15 inches, $1.70 per doz., $12.00 per 100, $120.00 per 1,000. Tuberoses due first week in January. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Surplus at reduced prices. Japan Lilium longiflorum, 6 to 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan bulbs. All kinds. Write for prices. Robbink & Atkins, Rutherford, N. J.

CANNAS.

New Cannas. Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas Pennsylvania and Mrs. Kate Gray, also the cream of Crozy's most recent introductions, such as: Countess de Breteuil, Mme. Louis Druz, Souv. de Mme. Nardy, Chas. Molin, J. Aymard, C. Drevet and Mme. Alfred Blanc. In standard varieties we have a large stock of the following and other favorites: Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Egandale, etc. Nathan Smith & Son, Adrian, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$7.00	$60.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
America, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
Jubilee, scarlet	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, variegated	1.00	8.00

CHICAGO CARNATION CO, JOLIET, ILL.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Lawson	$6.00	
The Marquis	5.00	$45.00
Ethel Crocker	4.00	30.00
Mrs. Bradt	2.50	20.00
Joost	1.50	12.50
White Cloud	1.50	12.50
Flora Hill	1.50	12.50
Triumph	1.50	12.50
Jubilee	1.50	12.50
Daybreak	1.50	12.60
Armazindy	1.50	12.50
Wm. Scott	1.00	7.50
Thos. Cartledge	1.00	7.50
Red Jacket	1.00	7.50
Victor	1.00	7.50
McGowan	1.00	7.50

Fine, stocky, absolutely free from stem rot or other disease.
F. E. Shaw, 326-28 Sunset Ave., Utica, N. Y.

Carnation Novelties. We are able to furnish any novelties not listed at introducers' prices and date of delivery. Prosperity (formerly known and exhibited as No. 666.) Winner of many ceritificates. $5.00 per doz.; $16.00 per 100. Gov. Roosevelt, brilliant maroon, $2.50 per doz.; $12.00 per 100. Norway, pure white, $1.50 per doz.; $10.00 per 100. Egypt, scarlet crimson, $1.50 per doz.; $10.00 per 100. Lorna, pure white, improved White Cloud, $2.00 per doz.; $10.00 per 100. Mermaid, salmon pink, $1.00 per doz.; $6.00 per 100. We shall have a complete line of the recent introductions, including Mrs. Lawson, Ethel Crocker, G. Lord, Morning Glory, The Marquis, etc. Also such standard sorts as: Flora Hill, G. H. Crane, White Cloud, Gen. Maceo, etc. Nathan Smith & Son, Adrian, Mich.

Fifteen per cent discount. We are booking orders for carnation rooted cuttings of the following varieties at a 15 per cent discount on all orders booked before January 1: Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $35.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Carnations. Rooted cuttings. We are booking orders now at the following prices per 1,000: G. H. Crane, $25.00; Mrs. Bradt, $25.00; Madam Chapman, $25.00; Daybreak, $12.50; White Cloud, $12.50; Flora Hill, $10.00; McGowan, $10.00; Eldorado, $10.00. We have the largest and finest stock of these varieties to be seen anywhere, and will have large quantities of cuttings during the season. If you are in need of a large lot write me and get special price. Can save you money. We also have the blooms of the above varieties at market quotations. Violet blooms at all times. Chas. Chadwick, lock box 11, Grand Rapids, Mich.

Carnations—Lawson and Olympia, $6.00 per 100, $45.00 per 1000; Crane, America, Bradt, Pingree, Morning Glory and Glacier, $3.00 per 100, $25.00 per 1000; White Cloud, Jubilee, Maceo and Wood, $2.00 per 100, $17.50 per 1000; Daybreak, Triumph and Joost, $1.50 per 100, $12.50 per 1000; Scott, $1.00 per 100, $8.00 per 1000. Stock fine and healthy; cuttings well rooted. You will be pleased. W. J. & M. S. Vesey, Fort Wayne, Ind.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100; $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100; $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $130.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

Rooted cuttings. My stock is exceptionally free from disease and first-class in every particular. Buy now and get the best. Per 100: Genevieve Lord, $1.00; Ethel Crocker, $3.50; Morello, $2.00; Bradt, $2.50; White Cloud, $2.00; Jubilee, $1.75; Flora Hill, $1.50; Scott, $1.00; Tidal Wave, $1.00; Crane, $2.25. Wanted—Rex Begonias, Fuchsias, Boston Fern and Pteris tremula and young Rose stock, 3-inch. Will have rooted cuttings of all the leading Chrysanthemums later. F. Wm. Heckenkamp, Jr., Florist, Sixth and Adams Sts., Quincy, Ill.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1,000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Dorothy, seeding pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $75.00 per 1,000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1,000.
E. T. Grave, Richmond, Ind.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings. Good stock; low prices. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co. Fort Dodge, Iowa.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Genevieve Lord. Orders taken now for rooted cuttings (Jan. 15th delivery) at $5.00 per 100; $40.00 per 1000. J. F. Ammann, Edwardsville, Ill.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

100,000 R. C. carnations, ready to ship. For varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

Mrs. Fisher for summer flowering. Well rooted cuttings, $8.00 per 1,000. Andrew Christensen, Stoneham, Mass.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

10,000 carnation wire supports; have been in use three years; cheap for cash.
Ben L. Elliott, Cheswick, Pa.

R. C. carnations, 25 choicest vars. in cultivation. South Side Floral Co., Springfield, Ill.

2,000 rooted Portia cuttings, $3.00 per 100. Cash. H. H. Dunn & Co., Saxonville, Mass.

Field-grown carnations. A. S. MacBean, Lakewood, N. J.

CHRYSANTHEMUMS.

Chrysanthemum stock plants: Mrs. Weeks, Queen, Jones, Chadwick, Merry Christmas, Pink Ivory, Mrs. Perrin, Maud Dean, Bonnaffon, Modesto, Golden Wedding, Maud Adams, Sunstone, Thornden, Mrs. Peirce, Blackhawk, G. W. Childs, etc., $1.00 per doz.; $7.00 per 100; our choice, $6.00 per 100. Silver Wedding, Shilowa, Mrs. Baer (Yellow Jones), Xeno and other recent introductions, $1.50 per doz. Harkett's Floral Nursery, Dubuque, Iowa.

Timothy Eaton, the sensational white mum of the decade, will be disseminated April 1, 1901. Price: 50c each, $5.00 per doz., $30.00 per 100. Strong plants guaranteed. The E. G. Hill Co., Richmond, Ind., and R. Craig & Son, Phila., Pa., joint owners in the U. S. Miller & Sons, Bracondale, Ont., sell at same price in Canada.

Chrysanthemums. Our introductions [illegible] tha, an early incurved pink, [illegible] Omega, second early yellow [illegible] type. Mrs. Elmer D. Smith, a [illegible] Japanese variety; an improvement [illegible] Bonnaffon. All of the above have been certificated by the C. S. A. Price [illegible] each, $5 per doz.; $35.00 per 100. Ready April [illegible], 1901. Eight New Pompons, possessing new forms and colors and including several light pinks that are very desirable. Argenta, Zerell and Rosina are our three Mizpah Seedlings, pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class. Phallena (Double Mizpah), the above 25c each; $2.50 per doz. Ready April 1, 1901. We are also booking orders for Timothy Eaton, the sensation of the season, 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1, 1901. We can furnish all novelties that will be disseminated the coming season at introducers' prices. In European Novelties we have the following to offer: Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Walleroo, Miss May Manser, Mrs. Barkley, Mrs. Ritson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Annie Prevost, Sunset, Miss Alice Byron, Mdlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone; prices and descriptions on application. Tested Novelties of 1900, from 2 1-4-inch pots; ready February 1, 1901. Gold Mine, Col. D. Appleton, Orizaba, 10c each; $8.00 per 100. Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba and Walter Molatsch, 10c each; $6.00 per 100. Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Stock plants, variety unexcelled, from benches and 8-in. pots, packed light $5 per 100; 5 per cent for cash with order. White: Mme. Bergman, Ivory, Merry Christmas, White Swan, Mrs. Jerome Jones, Mrs. H. Robinson, Queen, Niveus, Domination, Yanoma, Evangeline, Wanamaker. Pink: Autumn Glory, Harry Balsley, V.-Morel, Glory of the Pacific, Helen Bloodgood, Pink Ivory, Pres. Smith. Red: Cullingfordii. Yellow: Clara Goodman, Eugene Dailledouze, Hicks Arnold, Harry May, Mrs. L. C. Maderia, Golden Wedding, W. H. Lincoln, Yellow Fellow, Golden Hair, Harry Hurrell. 25 at 100 rate. John J. Arnold, Homer, N. Y.

Chrysanthemum stock plants, in fine condition; packed with care; satisfaction guaranteed. Ivory, Fitzwygram, Robinson and 20 others, 5c each. Perrin, Iora, Constable, King and the early yellow Fitzwygram, 10c each. Mrs. Baer, Mlle. Faure and Chadwick, 15c each. Shilo and Xeno, 25c each. 10 per cent discount on all orders received before Jan. 1, and we prepay express on orders of $2.50 or more. We are booking orders now for Col. Appleton, Shilowa, Monrovia, Xeno and others at $6.00 per 100. Cottage Greenhouses, Litchfield, Ill.

Having secured a large block of the stock of the sensational chrysanthemum, Timothy Eaton, we are prepared to book orders for spring delivery. Order at once. Price, 50c each, $5.00 per doz., $30.00 per 100.
Col. D. Appleton, the finest yellow chrysanthemum ever introduced. Orders booked for spring delivery at $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Stock chrysanthemums from the bench at 5c—Ivory, Rose Owen, Philadelphia, Gladys Vanderbilt, Fitzwygram, Bonnaffon, G. F. Atkinson, Black Hawk, Bergmann, Glory of Pacific, Yellow Ivory, Whilldin, Viviand Morel, Mrs. O. P. Bassett, Mrs. W. R. Douglass and Mayflower. Walker & McLean, Youngstown, Ohio.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

2,000 strong chrysanthemum stock plants, Mrs. Robinson, Viviand-Morel, Bonnaffon, Philadelphia, Glory of the Pacific, October Sunshine, Mme. Bergmann, Geo. W. Childs, 60c per dozen; $4.00 per 100. Jos. Labo, Joliet, Ill.

Chrysanthemums. Stock plants of the following late varieties: Bonnaffon, Western King, Gretchen Buettner, Mrs. Murdock, H. W. Rieman, Yanoma, Merry Christmas, $1.00 a dozen. Ingram & Lynes, Reading, Mass.

Chrysanthemum stock plants: Bonnaffon, Weeks, Ivory, Glory of Pacific, White and Yellow J. Jones, Black Hawk, Perrin, Niveus, Morel, Henderson, etc., at 50c per doz. C. Winterich, Defiance, Ohio.

Rooted runners of Bonnaffon, as good a yellow as one would wish to grow, $1.00 per 100. Or will exchange for geraniums, ferns, asparagus, pansies, vincas or daisies. T. M. Fitzgerald, Beaver, Pa.

Chrysanthemum stock plants, extra good; Bonnaffon and Bergmann, 50c per dozen; $4.00 per 100. Duly Bros., Randolph, Mass.

Chrysanthemum [illegible] Bonnaffon, Mr[illegible] [illegible], strong clumps [illegible] per [illegible] Wm. Collish, [illegible] West Philadelphia, Pa.

[illegible] Chrysanthemums [illegible] Lucie Faure [illegible] Yellow Queen [illegible] [illegible] N. Y.

[illegible] strong stock [illegible] Bonnaffon, Golden Wedding [illegible] and Jones, [illegible] guaranteed. J. A. McPh[illegible] Ill.

[illegible] Hayes, the best [illegible] chrysanthemum. Stock plants, $2.00 per doz., $15.00 per 100. Wm. Sim, Cliftondale, Mass.

Stock plants, leading varieties, 5c. Will exchange for other plants. A. Brumley, Birmingham, Iowa.

Stock plants, new and old varieties. Write for prices. H. Weber & Sons, Oakland, Md.

CINERARIAS.

200 Cinerarias, ready for 5-in., large, extra strong plants, $6.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

Cineraria nana grandifl. gig., 2¼-in., $2.50 per 100. Shellroad Greenhouse Co., Grange, Baltimore, Md.

Cinerarias, 2-in., $2.50 per 100. Cash.
G. Guy Swanger, Shiloh, Ohio.

CISSUS.

Discolor, 2-in., $4.00 per 100. Kennedy & Farnham, Carrollton, Mo.

CLEMATIS.

Large flowered clematis for forcing. Purple, white and lavender sorts, from 6-in., 18c; 1-year, field-grown, at low figure. C. paniculata, fine 3-year plants, 10c; 2-year, 8c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Clematis Paniculata, 2 and 3 years old. X size, per 10, $1.00; per 100, $8.00; per 1,000, $75.00. XX size, per 10, $1.25, per 100, $9.00; per 1,000, $80.00. Send your order now for spring. Ed. Brockmann, Irondequoit, N. Y.

COLEUS.

A big bargain in coleus from now until Jan. 1, 1901. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail 10c. Geo. L. Miller, Newark, Ohio.

Coleus. All the best varieties in 2½-in. pots at the special low price of $2.50 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Strong, 2¼-in., $1.60 per 100. R. C. ready for 2½-in., 75c per 100; $6.00 per 1,000. South Side Floral Co., Springfield, Ill.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, 12 best sorts, 2½-in., $1.50; rooted cuttings, 50c per 100. Cash. Beach & Chessman, Richmond, Ind.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCAS.

Cycas Revoluta, 7 to 10 leaves, $1.00 each. Cash. The John A. Doyle Co., Springfield, O.

CYCLAMEN.

Good plants in bud and bloom. Per dozen: 4-in., $2.00 to $3.00; 5-in., $4.00, $5.00 and $6.00; 6-in., $7.50, $9.00 and $12.00. C. W. Cox, 2nd and Bristol Sts., Philadelphia, Pa.

Cyclamen giganteum. From 3-in. pots, in bud, $8 per 100. From 3½-in., in bud, $10 per 100. Wood Bros., Fishkill, N. Y.

Strong, 3-in. cyclamen, well set with buds, $7.00; 4-in., $10.00 per 100. Cash or C. O. D.
C. Winterich, Defiance, Ohio.

CYPERUS.

Umbrella plants, 3-in. pots, $5.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Umbrella Plants, 2½-in., $2.50 per 100. Cash. The John A. Doyle Co., Springfield, Ohio.

Cyperus gracilis, 4-in., 75c per doz. Mrs. Griswold, Worthington, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

DAISIES.

New California Giant White and New Golden, strong 2½-in., $2.00 per 100. R. C., $1.00 per 100. South Side Floral Co., Springfield, Ill.

Snowball and Longfellow, 40c per 100; $2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

DRACAENAS.

Dracaena terminalis, 3½-inch, $2.00 per doz., $15.00 per 100; 4-inch, $4.00 per doz., $30.00 per 100; 5-inch, $6.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Dracaena Indivisa, pot-grown, 6-inch, fine, 40c each; cash. C. Wm. Gotthardt, 265 Winfield ave., Jersey City, N. J.

Dracaena Sanderiana, 2½-in., top cuttings, $8.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Dracaena indivisa, 3-in., ready for 4-in., $4.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

FARFUGIUM.

Farfugium grande. 75 plants, 4-in. pots, $15.00 per 100. Cash. S. M. Harbison, Danville, Ky.

FERNS.

Our stock is larger than ever and in fine condition.

Varieties	Size Pot.	Per Doz.	Per 100
Pteris Serrulata	2-inch	.50	4.00
Pteris Umbrosa	2-inch	.50	4.00
Crytomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	10.00
Nephrolepis Exaltata	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch		4.00
Nephrolepis cord. comp.	6-inch	4.00	30.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Fine bushy plants, from 2-in. pots, of Cyrtomium Falcatum, Onychium Japonicum, Pteris Cretica Albo Lineata, Pteris Adiantioides, Aspidium Tensemense, at $3.00 per 100, assorted. These are bright, clean stock and just right for small fern dishes. Cash, please.
Hanford's Floral Hall, Norwalk, Conn.

Adiantum Cuneatum, 2¼-inch pots, $3.50 per 100. Nephrolepis Cordata Nana Comp., 3-inch pots, $8.00 per 100; 4-inch pots, $12.00 per 100. Pteris Serrulata Gigantea, 4-inch pots, $12.00 per 100. These plants are A1 and cheap. Walker & McLean, Successors to The E. Hippard Co., Youngstown, Ohio.

Specimen Ferns, large and fine. Boston fern, 8-inch pans, $10.00 per doz. Compacta fern, 8-inch pans, $8.00 per doz. The National Plant Co., Dayton, Ohio.

Boston ferns true to name. Small plants from bench, $1.00, 7,000 2-in., $2.00, 4,000 3-in., $4.00 per 100. Davis Bros., Morrison, Ill.

Boston Fern. From 2½-in. pots, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Lace ferns and Selaginella Emmeliana, 2½-in. pot size, 50c per doz. A. & G. Rosbach, Pemberton, N. J.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Japan fern balls, $4.00 per doz. H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns, all sizes. Geo. A. Kuhl, Pekin, Ill.

Assorted ferns, for ferneries, $3.50 per 100.
Wm. A. Bock, No. Cambridge, Mass.

Selaginella, from 3½-in. pots, $5.00 per 100.
John Reck, Bridgeport, Conn.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Rubbers, 6-in. pots, 2½ to 3 ft., 60c, 4-in., 20c, 5-in., 40c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

Rubber Plants, 18-24-in. high, 6 and 7 in. pots, $4.00 and $6.00 per doz. C. Wm. Gotthardt, 265 Winfield ave., Jersey City, N. J.

FORGET-ME-NOTS.

Winter flowering forget-me-nots, $3 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Large clumps, 75c per 100; $5.00 per 1,000. J. C. Schmidt, Bristol, Pa.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

New geraniums, from 2½-in. pots, in the following varieties: Jean Viaud, Kleber, Richelieu, L. Corrett, M. Canovas, Bellerophon, Wm. Lannguth (dble. scarlet silver leaf) and Mrs. Parker (dble. pink silver leaf), 75c per doz., $6.00 per 100. Collection of two each of above varieties by mail, $1.00. Standard varieties: S. A. Nutt, Gen. Dodd, Heteranthe, la Favorite, Mme. Bruant, Countess Castries, Beaute Poitevine and 20 other varieties, 2½-in. pots, 50c per doz.; $3.00 per 100. Cash with order.
Mrs. Thomas Lawrance, Ogdensburg, N. Y.

Geraniums of recent introduction, from 2 1-4-inch pots; ready now. Mme. Landry, semi-double Bruant, apricot salmon. Jean Viaud, semi-double Bruant, beautiful shade of bright rose; a magnificent variety. Emanuel Arene, rich scarlet with large pure white eye; double. Richelieu, double crimson; a grand acquisition; 15c each. The above at $10.00 per 100. We have many others of decided merit. We also have a large stock of the best bedding varieties ready for immediate shipment. Nathan Smith & Son, Adrian, Mich.

Geraniums. Alphonse Ricard, Beaute Poitevine, Centeaure, Countess de Harcourt, Double Gen. Grant, Gillian M. Gill, Granville, Gen. de Boisdeffre, La Favorite, La Cid, L'Aube, Mme. Jaulin, Mrs. E. G. Hill, Miss Kendell, Mme. Bruant, Miss F. Perkins, Mme. Barney, Marquis de Montmort, Mr. Bruant, True Rose, 2½-in. pots, $2.00 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruantl, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

The new geranium Little Pink, or Double Pink Mars is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Bruanti, Nutt, Hill, Grant and others, strong, 2½-in., $2.50 per 100; $22.50 per 1,000. Strong R. C., $1.50 per 100; $15.00 per 1,000. South Side Floral Co., Springfield, Ill.

Geranium America. A queen among geraniums. Strong plants, $8.00 per 100; 25 at 100 rate. Ready now. Henry Eichholz, Waynesboro, Pa.

Rooted cuttings, double and single and ivy leaf. Fine collection, $2 per 100; $15 per 1,000. Strong pot plants, $3 per 100; $25 per 1,000.
Wood Bros., Fishkill, N. Y.

Geraniums, rooted cuttings of different colors, $1.50 per 100; $12.00 per 1,000. William Stuppe, Englewood, N. J.

Fine assortment, 2½-in., all the best varieties, $2.00 per 100. Cash. A. J. Baldwin, Newark, Ohio.

Geraniums. Standard bedders, price and varieties carefully furnished on application.
Paul Mader, East Stroudsburg, Pa.

10,000 geraniums, by selection, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

GREVILLEA.

Grevillea robusta, 3-in., $4.00, 2-in., $3.00 per 100. Cash. Beach & Chessman, Richmond, Ind.

HARDY PLANTS.

Clematis paniculata, 2 and 3 years old.

	Per 10.	Per 100.	Per 1,000.
No. 1	$1.00	$7.00	$65.00
X size	1.25	9.00	75.00
XX size	1.75	13.00	125.00
Fine pot plants	.50	3.60	30.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid; $10.00 per 1,000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

CALIFORNIA PRIVET. Strong plants, 2 to 2½ ft., $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $13.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. B. Cash with order and 5 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, Honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Halls and Belgica, 2 years old, field-grown, $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Boston Ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Heliotropes, 2½-in., per 100: The Czar, Napoleon and Violet Queen, $3.00; Mme. Blonay, Le Poitevine and Le Cid, $4.00. Michel Plant and Bulb Co., St. Louis, Mo.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotropes, rooted cuttings, 50c per 100. Sample 100 by mail. A. Brumley, Birmingham, Iowa.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.50 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 50c per doz.; $3.00 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000. Jackson & Perkins Co., Newark, New York.

IVIES.

English Ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $3.00 per 100; $25.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 3 to 4 ft. long, $10.00 per 100.
I. H. Moss, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

LANTANAS.

Lantanas, 2-in. pots, in bud and bloom, 6 varieties, $1.75 per 100; $16.00 per 1,000.
C. L. Brunson & Co., Paducah, Ky.

Lantanas, red and white, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Lantanas, 2½-in., fine, $2.00 per 100. Mrs. Huldah Salveson, Petersburg, Ill.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

Lily of the Valley pips, largest and finest in the world, either Berlin or Hamburg, $10.00 per 1,000; case lots (3,000 in case) $9.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

MIGNONETTE.

Mignonette plants (Allen's Defiance), mostly in bud, 3c each; $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

Send in your order now for a copy of the Florists' Manual.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.

J. J. Styer, Concordville, Pa.

ORANGES.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.

Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and positively clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various specis which we have on hand.

KENTIA BELMOREANA.

Size.	Height.	No.	Per	Per
Pot.	Inches.	Leaves.	Each.	Doz.	100.	1,000.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 6	....	2.00	15.00	150.00
3½	12 to 14	5 to 6	$0.25	2.00	20.00	150.00
4	14 to 16	6 to 7	.40	4.00	30.00	300.00
6	16 to 20	5 to 6	.75	7.20	60.00	600.00
5	18 to 24	6 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
6	26 to 28	6 to 7	1.50	18.00	180.00	
7	36 to 40	6 to 7	2.25	27.00	250.00	
8	44 to 50	6	3.25	38.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2¼	3	....	$0.60	$ 5.00	$ 40.00	
3	12	5 to 6	....	1.00	8.00	
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	3.00	20.00	175.00
5	18 to 22	6 to 7	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	9.00		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	6 to 8	3 plants in pot	$1.00	$ 8.00
3½	12 to 14	3 plants in pot	2.00	15.00
4	15 to 18	3 plants	$0.25	2.00	25.00

COCOS WEDDELLIANA

Pot	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3	....	....	....	$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

8-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA GEBANGA.

3-inch pots, 5 to 6 leaves, $3.00 per doz. CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	....	$2.00
6	15 to 20	8 to 12	$0.50	6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	.....	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	.....	3	8 to 10	12 to 15	2.00	15.00
Veitchii	.....	6 extra fine			18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.

4-inch pots, $2.00 per doz.

PEPEROMIAS.

Argyraea and siata, $2.00 per doz.; $15.00 per 100.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

	Pot.	H't	Char.	Per
		in.	In.	lvs.	100.
Latania Borbonica	6	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	6	24-30	6-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

Ball's palms, etc., choice hardy stock, perfect in every respect.

Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 40c and 50c; 8-in. at $1.50; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $7.50 to $15.00.

Kentia Belmoreana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.

Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.

Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.

Livistona Rotundifolia, 4-in. at 40c; 6-in. at 75c.

Pandanus Veitchii, 6-in. at 75c and $1.00; 8-in. at $2.00.

Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.

Chas. D. Ball, Holmesburg, Philadelphia, Pa.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch	Inches	Per	Per
	pots.	high.	doz.	100
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36	fine	50 each.

COCOS WEDDELIANA.

	Inch	Inches	Per
	pots.	high.	100.
1 plant	3	10-12	25.00
3 plants	5	18	each 1.00

KENTIA BELMOREANA.

Inch	Inches	Per	Per
pots.	Leaves.	high.	doz.	100
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	20-32	36.00, $3.00.

KENTIA FORSTERIANA.

Inch	Inches	Per	Per
pots.	Leaves.	high.	doz.	100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
8	5-6	30	1.25	15.00
8	6	36-40	2.00	36.00

All measurements are from top of pots.

JOS. HEACOCK, WYNCOTE, PA.

LATANIA PALM PLANTS.

Pots.	Plants to pot.	Leaves.	Per doz.
6-in.	2	20 to 22-in. high	10	9.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.

Pandanus Veitchii and Croton plants, prices on application.

J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch	Inches	No.	Price	Per	Per
pots.	high.	leaves.	each.	10.	100.
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	2.00	28.00	275.00
6	20-22	5-6	.55	4.00	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

1,000 Kentia Forsteriana, Cool grown, 12 to 20 inches high, 4-in. pots, $15.00 to $35.00 per 100. Liberal discount for the whole lot, as I need room for 10,000 seedlings. Cash. H. F. Albright, 54 Columbia Ave., Jersey City Heights, N. J.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sale by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2949-59 Clarendon Ave., Chicago, Ill.

Latania palms, 2½-in., 3½c; 4-in., 15c; 5-in., 30c. Clean, stocky plants. Send for sample.

Joy & Son Co., Nashville, Tenn.

Latania Borbonica, extra stock, grown cool, 6-in. pots, 60c each. E. F. Barr, Lancaster, Pa.

Areca lutescens, 3-in. fine, $12.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

25,000 pansy plants for sale. Good, strong plants from own seed, saved only from largest blooming varieties, $2.50 per 1,000. Cash. Satisfaction guaranteed. Frank Mosmiller, 11 E. Main St., Richmond, Va.

Pansies worth raising. Good plants, $1.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains in separate colors, $1.50 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

Rooted cuttings, good varieties, mixed, $2.00 per 100. S. D. Brant, Clay Center, Kan.

Pelargonium Victor, $2.00 per 100. Cash. C. A. Harris & Co., Delanson, N. Y.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 prepaid; $10 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Petunias, Dreer's and Henderson's latest world beaters, and they are winners, at $1.25 per 100; $10.00 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Henderson's and Dreer's latest sorts. Large R. C., ready for 2½-in., $1.25 per 100 by mail; $10.00 per 1,000 by express. South Side Floral Co., Springfield, Ill.

Rooted cuttings, good varieties, double, $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

PRIMROSES.

Chinese primroses, fine plants in bud and bloom, 4-in., $5.00 per 100. Obconica, 4-in., fine plants, $5.00 per 100. John Klink, Chicago, Ohio.

150 red and white Chinese primroses, fine, healthy plants, ready for 4-in., $4.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

Baby primroses, in flats, $2.00, 2-in., $3.00, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

1,000 Chinese primroses, mixed, 2-in., $1.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ROSES.

EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
Folkestone	Mme. Abel Chatenay
Golden Gate	Mrs. Robt. Garrett
Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
Henry M. Stanley	Striped La France
Kaiserin	Sylph
Mme. Camille	Tri. de Pernet Pere
Marie Guillot	Victor Hugo
Mme. Watteville	White Maman Cochet
Mme. Welche	" Marechal Niel
Mme. Jos. Schwartz	" La France

Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c extra to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and substantial manner.

R. H. MURPHEY & SON, URBANA, OHIO.

200,000 roses. From 2½ pots, $2.50 per 100; $20.00 per 1,000. Golden Gate, Crimson Rambler, La France, Striped La France, White La France, Mosella, Bride, Maid, Etoile de Lyon, Meteor, White Maman Cochet, Marechal Niel, Pink Maman Cochet, C. Soupert, Pink Soupert, The Queen, Muriel Graham, Burbank, Marie Van Houtte, Gen. Lee, Mrs. Degraw, P. Pere, Abel Chatenay, Caroline Marniesse, Yellow Rambler, Empress of China. Large 2-year-old H. P. roses, well branched, shapely plants, average 28 inches high, $1.00 per dozen; $6.00 per 100. Gen. Jacq., Dinsmore, Paul Neyron, Magna Charta, Mme. Masson, Vick's Caprice. Cash with order, please. The John A. Doyle Co., Springfield, Ohio.

ROSES—Continued.

Strong, field-grown roses.
American Beauties, selected......$25.00 per 100.
La France, selected .... 25.00 per 100.
American Beauties .... 20.00 per 100.
La France .... 20.00 per 100.
Kaiserin Augusta Victoria .... 12.00 per 100.
Cash with order or satisfactory references.
Alex Waldbart, Hamilton Ave. and Horton Pl., St. Louis, Mo.

Crimson Rambler Roses. These roses have fibrous roots and are particularly well adapted for potting and forcing. They certainly do please the florists who have gotten them; one sale invariably brings a second order. We offer them in two sizes, 3 to 3½ feet, at $12. Extra large, 3½ to 5 feet, at $15. The Conard & Jones Co., West Grove, Pa.

Roses for spring blooming. Fine 1 and 2-year field-grown plants, that have never been forced, suitable for 5-in. pots, 6c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

4,500 2-year-old roses. Who wants them at 5c each, or $45.00 per 1,000. Send for list of varieties. Samples for 50c.
Jos. Laihr & Son, box 280, Springfield, Ohio.

Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming.
I. H. Moss, Govanstown, Baltimore, Md.

Field-grown American Beauties, 3 years old, $15.00 per 100; $125.00 per 1,000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Strong R. C. Brides and Maids, $1.50 per 100; $12.50 per 1,000. South Side Floral Co., Springfield, Ill.

Liberty, 4-in., $75.00 per 100. All other roses, 3-in., $5.00; 3½-in., $7.00; 4-in., $8.00.
A. S. MacBean, Lakewood, N. J.

Perle, rooted cuttings, $3.00 per 100; $25.00 per 1,000. J. F. Ammann, Edwardsville, Ill.

Rooted cuttings and 2-in. stock of all the leading varieties. Geo. A. Kuhl, Pekin, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia. Scarlet sage, best sort, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

If you read these advs. others would read yours.

SEEDS.

X X X Seeds. Verbena Grandiflora, the finest strain of Improved Giant Verbenas grown; largest flowers and best colors; pkt., 800 seeds, mixed, 50c. Cyclamen Giganteum, the finest Giant-Flowering Varieties, mixed; 200 seeds, $1.00; half pkt., 50c. Petunia Double Fringed, the largest and finest Double Fringed and Mottled Petunias to be had; trade pkt., 60c. Phlox Drum. Pumila Compacta, new, very dwarf, perfect beauties; grand for pots; compact and unique; nothing finer in Phloxes yet offered; trade pkt., 20c. Chinese Primrose, finest strain grown, large flowering fringed; fifteen varieties, single and double, mixed; 500 seeds, $1.00; half pkt., 50c. Pansy, Finest Giants, the very choicest Mammoth Varieties, mixed; 3,500 seeds, $1.00; half pkt., 50c. Choice extras added to every order; cash. The Home of Primroses, John F. Rupp, Shiremanstown, Pa.

Asparagus pl. nanus, 100, $1.00; 1,000, $9.00. Asparagus Sprengeri, 100, 50c; 1,000, $3.50. Sweet Pea, early sorts, oz., 5c; lb., 25c. Stocks, ten weeks' perfection, separate colors, oz., 25c; lb., $3.00. Smilax, 1900 crop, oz., 30c; lb., $2.50 H. H. Berger & Co., 47 Barclay St., New York.

Cyclamen Persicum. Giant, Williams' fine mixed. 100 seed, 50c; ¼ oz., $3. Pansy, Madame Perret, as usual; Cecile Davy, trade pkt., 25c.; oz., $4.00; the twentieth century pansies. Forcing radish, lb., 50c. Cauliflower, Erfurt best Danish, seed, oz., $2.50. Beaulieu, Walker and Belmont Aves., Woodhaven, N. Y.

Asparagus Sprengeri, fresh seeds, $4.00 the 1,000. Aspar. plum. nanus, $8.00 the 1,000. Cyclamen, German Giants, pure white, 75c the 100s; bright red, rose, white with eye, 60c the 100s. A. Rolker & Sons, 52 Dey St., N. Y.

Seeds: Smilax, 25c an oz. A. Sprengeri, 1,000 seeds, $4.00. Sweet peas, "Florist' Forcing Mixture," or separate colors, 40c per lb., postpaid. Write for "Florists' Wholesale Catalog." Plant Seed Company, St. Louis, Mo.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from flats, 30c per 100; $2.50 per 1,000; 2-in. pots, $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

VEGETABLE PLANTS.

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BOSTON.

At the annual meeting of the Boston Market Gardeners' Association, held Dec. 8, officers for the ensuing year were elected as follows: President, W. W. Rawson; vice presidents, Wm. H. Derby and J. O. Wellington; secretary and treasurer, J. B. Shurtleff, Jr.; executive committee, W. H. Derby, Walter Crosby, J. C. Stone, W. F. Symmes, M. Sullivan, Chas. G. Winn.

The fourteenth annual banquet was held at the Revere House Dec. 13, and it was the most largely attended one in the history of the association.

A BEGONIA rejoicing in the name Begonia semperflorens atropurpurea nana fl. pl. Bijou des Jardins has managed to exist under this terrible burden.

TREATING RUBBER PLANTS.

A reader sends us the following which he clipped from the Philadelphia Press of Dec. 3, and asks us to give "the homeopathic treatment for such cases:"

To Editor of Recipe Column. Having read a query in your column regarding the treatment of a rubber plant belonging to a correspondent, that is dropping its leaves, I would suggest in reply that the plant be washed carefully and tenderly, with a soft rag or a sponge once a week, with either tepid water or a mixture of milk and water. Then place the pot containing plant in a bucket or tub of water, and let it soak well. Take it out of water and when it has drained a little pour a teaspoonful of Castor oil close to the root of plant, so that it will trickle down and be absorbed by plant. This treatment will, I think, bring the plant around all right. A healthy plant only requires a washing of leaves, soaking and Castor oil about once in three weeks to keep it vigorous. MRS. T.

We have heard of a gentle lady who gave a rubber plant castor oil to remove worms from the soil but never before of a plant being dieted with the oil. Rubber growers will no doubt stretch a point in considering this new fertilizer before they slip back into the old rut.

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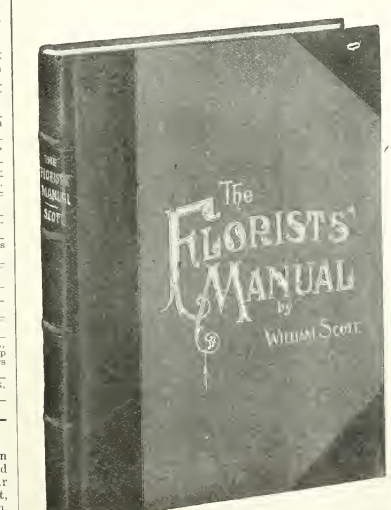

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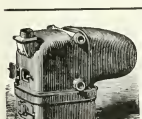

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G. L. GRANT, Editor and Manager.

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520-535 Caxton Building,
334 Dearborn Street, Chicago.

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ORANGE, N. J.—The conservatories of J. Crosby Brown were seriously damaged by fire and many valuable plants were destroyed the night of Dec. 13.

DETROIT, MICH.—The Detroit Florists' Club has appointed a committee to prepare a schedule of premiums for an exhibition to be given in November, 1901. The club has also decided to invite the American Carnation Society to hold its 1901 convention in this city. A strong delegation will attend the meeting in Baltimore next February.

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OF THE

Florists' Review

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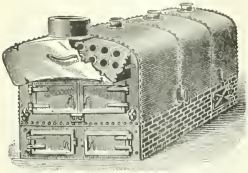

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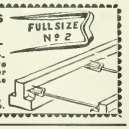

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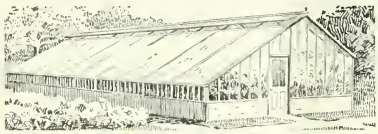

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Vol. VII. CHICAGO, JANUARY 3, 1901. No. 162.

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8-in.	1	" "	8 to 9	18.00
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QUEEN OF EDGELY

He writes in his letter of November 27, 1900:

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And in his letter of November 30, 1900, he adds:

"I had The Queen on exhibition until last night—five days. It is a great acquisition to our list of fine roses and I believe it has a great future."

Yours respectfully,
Baltimore, Md. WM. J. HALLIDAY.

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FOR TERMS AND PARTICULARS, APPLY TO

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TULIPS. Cottage Maid, Chrysolora, D. de Parma, Joost van Vondel, La Reine, Rose gris-de-lin, Yellow Prince La Candeur, Parrots, double and single to color. **Any of these,** 100, 50c; 1000, $4.50; 10,000, $40.00.
Tuberous Rooted Begonias, single flowers, 1 to 1½-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 50c; 100, $2.50.
Double flowers, separate colors, extra, Doz. 100
1st size..... 75c $5.00
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Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1000, $10.00.

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Asparagus Pl. Nanus, 100, $1.00; 1000, $9.00. Asparagus Sprengeri, 100, 50c; 1000, $3.50.
Sweet Pea, early sorts, oz., 5c; lb., 25c. Stocks, ten weeks' perfection, separate colors, oz., 25c; lb., $3.00.
Smilax, 1900 crop, oz., 30c; lb., $2.50.
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" 5x4 in., 100, 50c; 1000, $3.50.
JAPAN FERN BALLS ready, doz. $1.00.
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Boston Ferns TRUE TO NAME.

Small plants from bench, $1.00 per 100.
3-in. pots..... 2.00 "
4,000 3-in..... 4.00 "

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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST
Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
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CALDWELL THE WOODSMAN CO., Evergreen, Ala.,
Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go to sleep in peace. N. B.—We also sell some Holly.

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CRYPTOMERIA JAPONICA.....

(Japan Cedar.) The Novelty Decorative Pine. Everybody wants it. Takes the place of Araucaria Excelsa. Strong plants from 2-in. pots, $5.00 per 100, or 20 for $1.00. E. I. RAWLINGS, Quakertown, Pa

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..GERANIUMS..

10,000 In Red, Pink, White and Salmon in 2½ inch pots ready for Shift. Let us know your wants.

GEO. A. KUHL, - PEKIN, ILL.

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JOHN WELSH YOUNG,
WHOLESALE GROWER OF
Pandanus Veitchii and Boston Ferns,
See page 427 of the Review of Sept. 6 for prices.
Upsal Station, Penna. R. R. GERMANTOWN, PA.

Mention The Review when you write.

LAST CALL For Advs. in our SPECIAL CARNATION NUMBER To be Issued NEXT WEEK.

Copy must reach us by next Wednesday morning at the latest to be in time and earlier will be better.

MISCELLANEOUS SEASONABLE HINTS.

Geraniums.

After New Year's we get the much needed room to shift and spread out stock, that is of great importance to us in the spring. Among them is the important and ever popular plant, the zonal geranium. Our most satisfactory plant is from the cutting that has been rooted in September. They are now fine little plants in 2½-inch pots, but for want of room have been occupying as little space as possible. As soon after New Year's as we can get at it they should have a shift into a 3-inch. By taking a little soil off the top of the ball this gives them shift enough and starts them into growth, so that by the beginning or middle of February you are able to get a cutting from almost every plant. This does them no harm, for they would want pinching in some way.

Don't use too rich a soil or at least a mixture with much leaf mould or rotten manure, as geraniums like a good stiff loam. A fifth or sixth of well decayed manure is enough. A firm, solid growth is what is desirable in geraniums at all times. Pot firmly and give them the lightest benches. Geraniums are the most important of our summer bedding plants. Nothing for the outlay gives us such a continuous, brilliant display of color, and good, thrifty plants are always in demand.

The Ivy Leaf section is also an important one. They do not flower continuously when planted out where the roots have plenty of room, but when used in veranda boxes and vases they are very attractive and flower so freely in May that thousands are sold in our markets to people who just keep them growing in the pots and they flower a long time in this way. For our largest plants we shift these now also into 3-inch. And the cuttings made from the tips, if put in sand, make fine plants by bedding time. Many of the Ivy Leaf section are now so beautiful both in size and color of bloom that they are worth growing as pot plants equally with the zonals.

Marguerites.

Plants of these that were lifted from the ground in September and put into 7 and 8-inch pots sell well at Easter, for if they have been cool and light they will surely be in full flower in April. Whether you have given them one pinching during winter or not, some very attractive and salable pans can be made by taking off a number of the leading shoots of these old plants and putting them in the propagating bed; they root quickly and then can be planted in 8, 9 or 10-inch pans. They will soon flower and there being, say, 9 or 10 plants in an 8-inch pan, they make a sheet of bloom which is most attractive. There is yet time to do this and have them in fine order for Easter, and the large plants will flower in plenty of time. This wrinkle I owe to a western friend.

Propagating.

There are many things to propagate now. Some plants you can get up a great stock of in a short time, but others want more time. For instance, you would be foolish to propagate a great lot of coleus or ageratum just now, for they would be too large or get exhausted before bedding time. Others want several months to make good plants.

Lobelias that we use for baskets and vases should be put in the sand in quantity, for you want showy plants. Acalypha should be propagated at once. Put in all the fuchsias you can this month, for those later propagated make stunted plants. The conditions for propagating what is necessary are more perfect this month than any; usually a cool atmosphere with little need of shading and a genial heat in the sand. Carnations, roses and everything else that is propagated by cuttings root readily and surely just now.

Azaleas.

Let me remind you once more that your Easter azaleas that you imported in October will be making a lot of young growth from the base of the flower buds, and if that is allowed to remain on it will grow at the expense of the flower bud, which won't amount to anything. They must be pulled off. We usually have to go over them twice during the winter. If you want most of the azaleas in at Easter you can hardly keep them all in the same temperature. Varieties that want to flower early, such as the favorite Mme. Van der Cruyssen, will do for two months little above the freezing point, while late varieties, like Emperor de Brazil and Souv. de Prince Albert will do better in 50 degrees.

Rhododendrons.

We have never been quite satisfied with rhododendrons as a forcing plant, although they are a most decorative plant. They are of course almost hardy, but should not be kept so cool if wanted for forcing. We found that when you do put them into heat, which should be about two months before they are wanted, they need a good brisk heat, say 60 degrees at night, with lots of syringing. The latter is important, as the moisture is needed to loosen up their compact tight buds.

Cytisus.

Many of these are still grown for Easter. It is not advisable to do any more clipping of the shoots after this date, but they should be kept quite cool, say 40 degrees at night, or they will be in flower before you want them.

Pansies.

If you do not sow pansies in the fall and have none in cold-frames for early spring use, some fine plants can be raised by sowing now or within two or three weeks. Transplanted into flats or on to a bench that is not too valuable in a cool house they make very fine plants by middle of April and for filling vases are just the thing. The main thing is to keep them cool enough so that they don't draw up.

WILLIAM SCOTT.

CARNATION NOTES.

Lowering the Temperature.

If you began reducing the temperature in your carnation houses right after Xmas, you will likely have them at their normal temperature again by this time, and they can go ahead producing strong, healthy growth and good blooms. The drop in the temperature may have shortened the cut to some extent for a few days; but as soon as the plants are accustomed to the lower temperature they will move along as before. The demand is usually somewhat lighter for a few days right after Xmas, and it is better for everybody if the market does not become crowded, as would be the case if the forcing were kept up right along. If you were careful and succeeded in reducing the temperature without causing any of the calyxes to split you were fortunate and there is no danger of your plants having suffered much from the recent forcing. That is the way it usually shows first. If you have not already lowered the temperature to where it belongs, do so at once. Too long a spell of forcing will weaken the stems and make the blooms smaller, and it is hard to get them back into good shape again after they once get that far.

Carnations will soon be getting more plentiful; before long only the best grades will bring fair prices, so it will pay you to sacrifice a few blooms now in order to keep your plants in good, healthy and strong condition, so they can produce the highest quality blooms. The next few weeks will determine whether your blooms will be found among the better grades or whether they will be among the lower grades, and often find their way to the ash barrel. Do everything you can to promote a strong, healthy, well matured growth.

Standard Varieties.

Last week we went over the white and pink standard varieties, so now we will take up the others.

Among the scarlets we still consider Jubilee king. There is nothing out now that can touch it when it is grown as it should be. It has by far the finest color, the blooms are good size and the stem is long and strong. When it is allowed to develop properly before it is picked it is a fine keeper and it always brings the top price. It takes special culture to make it pay, but it will well repay the grower who will take the trouble to grow it properly. Strike the cuttings early and plant inside early in spring, or, handle it so it does not suffer any kind of a check during hot weather, and it will bloom early and freely until hot weather sets in again.

America is a good one for ordinary good culture. The blooms are large and borne on fine stems; but the color is a light red. A bunch of them shows up fine and sells well, but it must not be mixed up with Jubilee. We like it on account of its freeness and easy management.

G. H. Crane is considered by many as the best all-around scarlet. The color is between America and Jubilee. The growth is strong and the stems are long and strong and bear large blooms. It is an early and free bloomer and should make a profitable variety for the average grower.

Red Jacket would have been a good one had it not stem-rotted so badly. The color, size and stem were good, and it grew rapidly.

Bon Ton was a failure from the start on account of its lateness and small blooms.

Wellesley has a fine color and is very free, and if it were a little larger it would make a good one for those who want quantity of bloom.

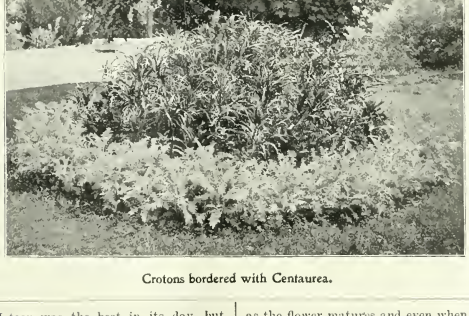
Chicago makes a fine bloom and may be profitable if grown like Mrs. Bradt, from which it sported.

Portia is now grown by only a few back numbers.

In maroon there is perhaps nothing to compare with Maceo. The blooms are fine and are produced in enormous quantities.

Gomez is not so free, but has longer stems and we think a more pleasing color, being not quite so black.

Empress is too late to be profitable under ordinary conditions. The blooms are large and are borne on long, strong stems and where a good maroon pays it might pay the grower to give this the special culture it needs to bring it in early.



Crotons bordered with Centaurea.

Meteor was the best in its day, but Maceo is much better.

In fancy varieties Mrs. Bradt is by far the best. Its large blooms on fine stems always command a good price. If given about two-thirds as much room as most varieties it pays as well as any. This variety wants an early start and does well grown inside all summer.

Armazindy is one of the freest bloomers we have today, but it has not enough stripes to make it popular as a fancy. The blooms are fair size and the stem is fine. Many use it for white, and where this can be done it is very profitable. The growth is strong and rapid.

Sandusky seems to have struck a snag and sunk. A weak constitution and bacteria did the work.

Gold Nugget is the best commercial yellow. The color, size and stem are fine. This variety to be profitable needs to be started early and kept bushy by pinching often early in the growing season.

Mayor Pingree is too shy and too late.

There is no doubt about our varieties of today being much better than we had ten years ago and yet there is as much room for improvement now as there ever was. We need, for instance, a strong-stemmed Flora Hill, a large-flowering Mrs. Joost, a Jubilee that blooms freely with ordinary culture and a Mrs. Bradt that produces about twice as many blooms to the plant, and many other improvements of which we have not thought at all yet. The time will perhaps never come when we will not be able to improve on the carnation, but what we want now is a few good commercial sorts.

A. F. J. Baur.

AMERICAN CARNATION SOCIETY.

New Carnations Registered by the Chicago Carnation Co., Joliet, Ill.

Sunbeam—Light pink. This is an entirely new shade of what is generally called flesh pink. Flowers of good form, size averaging three inches, borne on stiff, wiry stems from twenty-four to thirty inches long, free from disease and a very strong, healthy grower. Produces more blooms per plant and bench space than any other variety known regardless of color.

Bon Homme Richard—White. This flower has a fine form and at times will show the faintest flush of light pink on the petals, which fades out entirely as the flower matures and even when discernible it detracts none from its beauty. Blooms will average three inches, on strong wiry stems two and one-half to three feet long. Its habit is such that plants in our benches with from thirty to thirty-five buds on and flower spikes stand very comfortably in the model wire support. It will produce 50 per cent more blooms than White Cloud and command the same price when grown under the same conditions.

Xydia—Variegated. The ground work of the flower is pure white striped with light salmon, which with its splendid form gives an extremely beautiful effect in a vase for decorative purposes. A grand keeper, improving as the flower ages; not as large as Mrs. Bradt, but will produce twice the quantity of blooms. Stems are very strong, from 20 to 26 inches in length and the health and habit of the plant is of the best.

Prolifica—Cerise pink. A shade deeper than Lawson; average size of blooms three to three and one-half inches, with strong, stiff stems from two and one-half to three feet in length. An idea as to its freedom can be had from the fact that a representative of the trade papers counted on the original plant three seasons ago sixteen open flowers, fourteen large buds and an abundance of new spikes showing below.

Albert M. Herr, Secretary.

Lancaster, Pa.

BEDDING.

We present herewith three engravings from photographs of beds that were seen last summer on the grounds of the Athens State Hospital, Athens, O., where Geo. H. Moores is the florist in charge. The photographs were all taken August 12th last.

The bed of crotons was twelve feet in diameter and contained 100 plants, mostly of a narrow leaved variety. It was bordered with two rows of Centaurea gymnocarpa. It received the morning sun, but was shaded in the afternoon. After planting the bed was heavily mulched and although the season was a dry one the bed was fine.

The bed of cannas was also twelve feet in diameter, and was bordered with Pennisetum longistylum. The cannas were a dark leaved variety and the contrast with the pennisetum made the bed a very handsome one. The pennisetum was grown from seed sown Jan. 16th and planted out of 3-inch pots about June 1st. This bed was also mulched.

The third bed contained bananas and caladiums and was considered one of the best beds on the grounds. The soil was made very rich and the bed was heavily mulched. Some of the caladiums grew to a height of seven feet, with the banana plants well above them.

CATTLEYA PERCIVALIANA.

Ed. Florists' Review: In your issue of Dec. 20 we note on page 91 the following: "Orchids will be few. Cattleya Percivaliana is too small for the American trade," etc., etc.

We send you by express six flowers of this variety to show that the writer of the above is not entirely correct in his statement. As you will see, they compare favorably with other varieties. Cattleya Percivaliana is a variety whose flowers increase in size the longer they are left on the plant. At this time of the year, when they are in flower, the demand is very great and we find it impossible to hold them until they are properly developed and have to cut them only half finished, which to a great extent accounts for the small size. On the other hand, the flowers are the most beautiful of any of the cattleyas.

As to price, this is naturally governed by supply and demand. The supply being very limited at that time of the year and the demand heavy, we see no reason why they should sell cheaper than other varieties. In our case it has proved to be the contrary.

Lager & Hurrell.

Summit, N. J.

[The flowers were of good size, measuring five inches across, and they would compare favorably with most cattleya blooms seen in the market. But we do not recall having seen any quantity of Percivaliana blooms of equal size before. Evidently there is a useful suggestion in the note about the blooms of this variety increasing in size when left for some time on the plant. The rich coloring of the lip certainly makes this a most beautiful cattleya.—Ed.]

Begonia Lorraine.—Mr. Geo. Wittbold, Chicago, is grafting Lorraine on other stronger rooting begonias and believes this is the way to get a good growth and the most serviceable plants.

Please send us the news of the trade in your vicinity.

Cannas bordered with Pennisetum.

PHILADELPHIA.

The Christmas Trade.

The Christmas business of this city, both in cut flowers and plants, was tremendous, exceeding in volume anything experienced in the past. Everything salable found a ready market. Gilt-edged stock brought gold letter prices; also, in the rush, some stock that was by no means gilt edged; but we are told quietly that the sellers of these spurious goods are down on the black list for next month. Second and third class stock found their level and sold much better than for the past few years at slightly lower prices than then.

It was a cut flower Christmas, the increased demand being for boxes of loose flowers as gifts for the home or friend. Red was the most popular color. Beauties, Libertics, Meteors; then red carnations, which were very scarce; then poinsettias, which were good and in fair supply. The roses were generally used alone, the carnations with asparagus sprays or stevia. Maids were next in demand; this rose was in much better shape than seemed possible two months ago; the supply was heavy and more could have been used. Violets were very scarce, the supply not nearly equaling the demand.

The cut flower growers near the city made second trips to the stores on Monday night and another early Tuesday morning. The commission men were hard at work filling shipping orders and visiting the stores at all hours of the day and night, but growers and commission men combined were not half so busy as the retailers, who with all the intelligent extra help they could command were still unable to fully meet the rush. Few of them were in bed Sunday night and none of them slept Monday night, yet most of them were refusing orders Monday afternoon from persons not in the habit of dealing with them.

The business done in plants was probably ahead of former years, although it paled beside that done in flowers. In blooming plants red again was the most popular color, poinsettias, azaleas, cyclamens, and Jerusalem cherries giving a touch of the desired color. One exception to this may be mentioned. The bon ton shops sold many Begonia Gloire de Lorraine. Boston fern was in brisk demand, especially in six-inch pots. The palm sales were also very heavy.

Believing that the growers would be glad to have some ideas and suggestions at this time from the men who market their product the REVIEW has asked each of the ten commission florists of this city to give a few notes on the cut flower business at Christmas. Much valuable information will be found in their replies, which follow.

SAMUEL S. PENNOCK.

Taking Christmas as a whole, I think this year was the best Christmas we have ever had. Prices generally ruled good for good stock. The cheaper grades were not held at as high figures in the beginning, and, of course, moved off in better shape, as the demand seemed to be more for good quality stock. I think this is the only way to do—keep the price down on the cheaper grades.

Beauties, Meteors and Liberties were more in demand than any other roses; in fact, enough of them could not be had. Violets also sold well. There seemed to be a general scarcity this season. As far as I could learn there was no glut of any stock, excepting a few bulbous flowers. Some Liberties we received from S. Mortensen, Southampton, brought $9 per dozen, and our customer said they were the cheapest flowers he bought, as no flower gave the value for the money that they did. This is certainly a grand rose, but whether it can be grown to make it pay is a question, for it is a shy bloomer, and the season is so short, being only about half the length of the Meteor season.

There was less salted stock this year than ever. I think the growers are realizing more every day that it is to their interests to supply the market with nothing but the freshest stock. It must assuredly is far more satisfactory to handle good, fresh stock than stock that comes in to you three and four days or a week old.

EDWARD REID.

Christmas trade was very satisfactory; with myself it was 25 per cent ahead of last year. It is my opinion the price on Beauties, which averaged from $5 to $18 per dozen, was rather too high for the best interests of all concerned, but it was a case of must have them with the retailer. Teas sold very well, Maids having the preference, and brought from $8 to $20, according to quality; the writer got $25 for some selected Maids. Carnations, ordinary stock, sold at from $2.50 to $4; fancy from $4 to $10, the number sold at the latter price were very few; the greatest demand was for good medium grades at from $3 to $4 per 100. The writer could have used a few thousand more, but as it is I feel better satisfied, as I made a complete clean up, which will be more satisfactory to the grower than to have a lot carried over, thereby reducing the general average.

I note some of the growers, with the idea that everything goes, did not use care in bunching their carnations, putting in splits and other inferior blooms; now this was a great mistake, as the value of the bunch was based on the worst flowers; I am safe in saying the grower lost from 20 to 25 per cent. I also note there was no surplus of green, such as smilax and adiantum; in fact, there did not seem to be enough of asparagus in bunches to supply the demand. Violets were in good demand, with not quite enough good ones to supply it. Flowers reached the commission

Caladiums and Banana.

houses from four to twenty-four hours late, owing to the congested condition of the express offices. Bulbous stock sold better than I ever knew before.

DUMONT & CO.

The florist trade in Philadelphia has been exceptionally good this Xmas. All kinds and grades of cut flowers sold well. Carnations, fancy grades, brought from $8 to $10 per 100; standard varieties $3 to $4 per 100, according to the length of stem and size of flower. Beauties were very much in demand and sold at $6 to $15 per dozen. The next scarcest flowers were good Maids, which were bringing $15 per 100. Northern double violets sold very well at $1 to $1.50 per 100. Southern doubles arrived too late to be of any use, as the express companies were a day late in delivering goods. Taking it altogether, it has been a very successful Xmas.

FRED. EHRET.

Christmas trade in cut flowers was better than expected. Prices of roses somewhat lower than other years, especially in lower grades. In regard to this grade of stock it was offered to the trade at very favorable rates, enabling them to make use of it in cheaper work, such as galax leaf work, etc. Other years cheap roses were held for the street fakirs, but the commission men this year gave the florist the benefit of their prices, enabling them to fill satisfactorily cheaper orders.

First class roses were in good demand, with supply equal to the orders. Carnations sold very well at $4 per 100 for ordinary good stock, $1 per 100 better than usual Christmas prices, the trade using all stock on hand, leaving nothing for the street fakirs. Bulb stock, hyacinths and narcissus were plentiful, but were all sold at from $3 to $4 per 100.

The plant trade appears to have fallen off somewhat this season, with the exception possibly of good azaleas, which sold very well. Poinsettias, Begonia Gloire de Lorraine, etc., which were expected to sell freely, are still seen in the stores, having been passed by the customers.

There seems to be a good demand for calla lilies at $15 per 100, which I think would warrant a grower in bringing in a few more. No Harrisii lilies appeared on the market. They would have found ready sale.

GEO. M. MOSS.

I think the past Xmas trade has been very satisfactory all round from a general point of view, although the grower will no doubt say that he didn't have as much stuff as he ought to have had. High prices for what he did have will. I believe, more than counteract that. Flowers of all kinds were in great demand, and the commission men were unable to fill all orders in full. Everything was cleaned up, and there was an absence of salted stock in comparison to former years.

Some very fine Beauties were seen that sold readily at $18 per dozen. Maids, Brides, Meteors sold at from $15 to $20; extras at $25. Perles $10 to $12, Morgans $12. Valley, Narcissus and Romans $4 per 100 (with valley scarce), Mignonette from $4 to $8, adiantum $1, double violets $1.50 to $3, single violets $1 to $2, yellow and white daisies $2 to $3, smilax $15 to $20, asparagus strings $50, asparagus bunches, 35 to 50 cents each. Carnations, standard varieties, $4, and fancy varieties from $6 to $8, and a few very fine ones at $12.

Beauties, Maids, Meteors, valley and double violets seemed to have the preference, although there was no surplus of anything, with the possible exception of "Greens," which generally happens at Xmas and Easter.

To the growers: You must grow good stock for us if you want to receive in turn good prices for the same. Ordinary stuff used to do, but it won't go now. The flower buyers know what good flowers are now and are willing to pay good prices for them.

CHAS B. STAHL.

The farewell Christmas of the nineteenth century has proven a very satisfactory one all around, and the growers who have been fortunate enough to have a good cut will have a comfortable addition to their bank accounts, with which to greet the New Year.

The demand for cut flowers was greater this Christmas than ever before, and the stock reached the market in better condition than heretofore. No extra heavy cutting of any one kind of flower caused the price of all stock to stiffen up and keep at good figures throughout the holiday without the usual slump.

The specially heavy demand for carnations of all grades has proven that it is fast becoming the popular flower. The fact of there being an ample supply of the finer and newer grades gives the lover of flowers the chance to buy these grades in fair quantities and at a fair price. Much satisfaction was expressed all around as to the quality of carnations. One would have to go quite a distance to find any "sleepy" ones (a very unusual occurrence). This proves that flower buyers are willing to pay a good price for good, fresh blooms and that growers should be careful to send only fresh stock for the holiday trade. Give us good, fresh carnations (keep the inferior ones out of the market), and send no "salted stock," then we can demand a good price and give satisfaction, and the increase in demand for carnations each year will soon bring it to be the king of flowers.

A happy and prosperous New Year to you all. PHIL.

ST. LOUIS.

Christmas Trade.

The Christmas trade in St. Louis was very satisfactory, being much better in every way than last year. The wholesaler and the retailer have no cause to complain and as a rule they feel very cheerful over the Christmas trade.

The quality of the stock this year was rather poor. Very little fancy stock came in, and it was disposed of rapidly and at a good price. The weather was very favorable for delivering, which, of course, helped us to deliver our goods on time.

In roses the colored sorts were in great demand, but very scarce. The few Meteors that came in commanded a fancy price, as high as $15 and $20 per 100. Beauties were retailed at $24 per dozen and not enough of them to supply the demand. Brides and Maids were plentiful and the demand brisk; the fancy stock brought $12 and $15 per 100; most of them, though, were of the poorer grade and some sold as low as $4 per 100. Golden Gates, Perles and Woottons were sold out clean at prices ranging from $12.50 down to $6.

Carnations were very fine and plentiful and the demand great. The colored sorts were scarce. Scotts and Daybreak sold the best. The white sorts sold a little lower than the colored ones. In the fancy varieties the price went as high as $6 per 100, and none was sold below $3.

The demand for violets was far in excess of the supply, and $2 was asked for all that came in. Romans and Narcissus sold well, but at no advance in price, $3 seems the standard price at all times. Valley was quite plentiful and very fine at from $4 to $6 per 100.

Our wholesale men, Kuehn, Berning and Ellis, report that the Christmas sales were better than ever, and that they sold out clean, nothing left but a little rubbish. Shipping trade was never better, some having to work late at night in order to pack their orders.

Among the retailers general satisfaction is expressed from all quarters. In the West End, Weber, Waldbart, Mrs. Ayers, Miss Newman, Miller, Connon, Sanders and Mary Ostertag say their sales were materially larger than last year, with prices about the same. The great demand was for red roses, which were very scarce. Carnations of all kinds were great sellers with them, as were violets and valley. Holly and greens sold better than ever and at better prices.

The downtown florists had a big trade, and Riessen Floral Co., Ellison & Tesson, Young & Sons Co., North, Miss Badaracco and Foster say that the Christmas trade was never better, with prices equally as good as last year. Everything sold well, with little left over when closing time came.

The greenhouse men in South St. Louis had a great plant trade, and are almost sold out of everything. Fillmore, Schray, Beyer, Meyer, Kruse, Eggling, Windler and others claim that they never were so busy as this year. Everything went, and all were tired out when the day was over.

In North St. Louis, Koenig & Sons Weinhardt, Rotter and Brix are well satisfied with the business done. They say that never before did they handle as much stock as this year, and the prices were better; and you can safely say that the St. Louis florists never experienced better trade than this year, and all wish their brother florists a happy and prosperous New Year.

Notes.

Wm. Kalish & Sons report that they were very busy during Christmas. They made a large twelve-foot cross of Bride roses and orchids costing $300. It was one of the largest crosses ever made in St. Louis.

Winfred Whittman, who is now with Frank M. Ellis, was with H. G. Berning two years ago.

C. C. Sanders had the finest lot of poinsettias for Christmas ever seen in St. Louis. They sold at sight.

Frank M. Ellis will move from his present location, 1402 Pine street, to 1316 Pine street, on January 1.

The Florists' Club meeting, on January 10, will be called promptly at 3 p. m. This will be our annual carnation meeting, and the display of new carnations promises to be large. Growers of

new carnations will do well to send a few blooms of their new varieties to this meeting. Essays will be read by Fred Ammann, Fred Weber and A. S. Halstedt. President Guy looks forward to a large gathering of local florists. All are invited to attend. The contest for the $10 prize, by the local growers for the best vase of fifty carnations, promises to be great.

E. W. Guy, of Belleville, and Henry Johann, of Columsville, were in town the past week. Both report a good Christmas.

The bowling club has not been rolling of late, owing to all of us being too busy with our holiday trade. Rolling will resume next week, and all members are expected to attend regularly, as a prize will be offered for the most regular member in the new year. Other prizes for bowling during the year will also be made, which will make it more interesting for the members.

"Rocky," your Denver correspondent, has very little to say nowadays regarding their bowling, now that they are rolling on the new regulation alleys. I hope their scores are not so small that they would not look well in print. Out with them and let's see the scores of your usual two-hundred men. The mighty Scott, the great John Berry, Mauff, Zimmer and Valentine should make a good team to roll at Buffalo next summer.

J. J. B.

BUFFALO.

New Year's day, the first of the century (or was it a year ago?) is drawing to a close and I have just time to tell you that it has been an ideal winter day; the tinkling of sleigh bells and a clear bright sun has made all happy. Buffalo, like other cities, marched and shouted and drank and burned powder in honor of the new century. It was such a night as our city has not seen before.

New Year's is no longer the busy time with florists, yet there was a good business. The plants handled were comparatively nothing; but a good demand for flowers at about Christmas prices. It has been a gay season and the end is not yet. Last week was the swell Buffalo Club ball, at which Palmer did some fine decorations. On Christmas night all parties were eclipsed by a ball given by J. J. Albright. The decorations were superb, but Mr. A. did not need the help of the florist to so great an extent as others, as they have a fine range of houses on the place. Take it altogether, I don't think flowers of every kind have been so thoroughly cleaned up for a long time as they are on this first day of the year, and there is every reason to look forward to the coming days with cheerfulness. People are feeling well to do and have the spirit of live and let live in their daily conduct.

One hundred years ago today there was no white man, woman or child in the territory on which now stands the city of Buffalo. What a marvelous change in a century; not more so, or as much, as some cities can say, yet wonderful enough. Three hundred and thirty-five thousand people, 600 miles of steam railroad track within the city limits; a steel plant, building at an outlay of twenty millions, and the Pan-American Exposition that at first was thought to be local, then state, then national, but now by millions of intelligent people known to be what its name implies—all-American. An exposition that for completeness, for beauty, for enjoyment and delight of the finest senses of man, will eclipse any exposition the world has ever seen. I can hear several murmurings that say "Hold on, Will, you are piling it on." I am not, but if I had the ready and beautiful phraseology of an Austin Shaw I could say much more and could not exaggerate the beauty of this great effort on the part of our people.

The growth of horticulture in the past 100 years would be a marvelous tale and would fill volumes. It has grown from the cultivation of a few plants, or the adornment of a garden by the wealthy or enthusiast, to a great commercial business; but our trade or profession is the oldest on record and constantly attended to all through all civilized histories. When we read of the banquets of Nero, where showers of violets fell from the ceiling onto the guests, we must not think yet that we have no further step yet to take in floriculture. It is comforting to think that ours is a business that gives joy to him that gives and to him (or her) that receives. "'Tis twice blessed," as "William" said and as long as our civilization lasts and the more civilized and refined the nation becomes the more will the use of sweet flowers extend. They are the pure and harmless, but welcome, messengers of love and joy, of friendship and sympathy, and, rather than their use being curtailed, will they be seen in the home of every family throughout the land.

I wish all those kind and considerate people who have done me the honor to read my notes a very happy and prosperous New Year. I will join them in being thankful that we have lived to see the end of this marvelous century. In material prosperity unequaled in the world past; in invention and discovery of the truths of nature still more marvelous. Best of all freedom of thought and the glorious truths that science has revealed. The dark veil of bigotry has been lifted, for all if we want to see. One hundred years ago an Episcopal sermon would be largely devoted to the temperature and general conditions of hell; today it is to be moral and you will feel better.

There are greater problems for this century than the one just passed. I hope our children will live to see the day when war will be looked on with horror instead of glory; when poorhouses will be vacant; when our municipal government will be a pride to us instead of a scandal; when socialism of the best kind will have put an end to labor troubles; when there will be less religion and a higher morality. To those who think I use the wrong word I beg to say that the correct meaning of the word religion is the outward observance and when people say a certain man is truly religious they mean that he is highly moral. I hope all mankind will go on progressing as in the past 100 years—there is plenty of room upwards. I hope for a greater equality of man. And that must come and till it is here we are only emerging from barbarism.

W. S.

Joseph Heacock's Delivery Wagon.

BOSTON.

Christmas Trade.

Christmas is spoken well of by the craft generally, the bulb goods men being the most marked dissenters, as expected, and the rose men generally did not come out with colors flying quite so high as they had hoped. Prices were not broken, however, and the shortness of the crop during the next two or three days allowed time for the absorption of any surplus.

Carnations proved to be about as scarce as predicted, but not quite. If there was a surprise concealed in the violet situation it was that the crop turned out heavier than expected, and that the demand exceeded expectations enough to fully meet the supply at good prices, $2 being the general figure for first-class ones.

It seemed to me personally that the trade as a whole was not so heavy as it ought to have been, but most others seem to think I am mistaken and claim a 25 to 35 per cent increase. Several of the retailers in the city did not handle the supply of roses they bargained for so advantageously as they hoped, even with the assistance of heavy orders for ex-Gov. Walcott's funeral.

Naturally towards the end of the week the cut of all kinds exceeded the always light demand of that date and prices began to melt. This is a dangerous symptom always and I fear it will be

hard to check the movement at the proper point. At this writing the disease seems to affect the best grade of pink and white roses the most of anything. There are quite a few extra heavy ones coming in.

The "Traveler" tells a joeose story of how a certain Smith, of Hebrew lineage, while selling Christmas green for Samuel Katz, took possession of the whole stock in trade, some $28 in value, and disappeared. Being apprehended by the proper officials, he settled the case out of court. J. S. Manter.

CHICAGO.

The Market.

New Year's trade averaged about the same as last year in volume with prices possibly a trifle lower than a year ago. The supply was good and there would undoubtedly have been demand enough to take it all at top figures but for the bitter cold weather that arrived just prior to New Year's day and that no doubt kept many retail buyers from venturing out. As it was, prices held up firmly on the highest grades though they were shaded some on seconds and thirds where stock had accumulated. First class Beauties showed some weakness the latter part of last week, the receipts being unusually large for the season, but on Monday and Tuesday the demand strengthened sufficiently to put prices back to the old notch. There has been a splendid cut of Beauties this season and the supply has come nearer to meeting demand than during any previous year. At Christmas it was easier to secure the extra long stemmed Beauties than the shorter ones, the demand for the medium lengths being so great.

The supply of carnations was extra good and large quantities were disposed of, prices being slightly shaded in some instances to move lots of the lower grades.

Yesterday (Wednesday) the receipts were light and it was just as well, as demand, though fair, was insufficient to clean up all that came in except that of first grade. Prices have of course weakened but have dropped but little below New Year's quotations on first grades. Violets seem to have suffered most, probably due to the prevailing severe weather.

There has been a noticeably strong demand for white flowers of late owing to the large number of deaths. The death lists in the daily papers are appallingly long and pneumonia is mentioned as the cause of death in very many cases. It seems to be almost epidemic.

The "pickled stock" question is again to the fore. The picklers should thoroughly grasp the fact that such stock is under no circumstances included in a shipping order and that its only chance of being sold is to a local buyer and invariably at reduced rates. To include any stale flowers in a shipping order would be a very foolish move on the shipper's part. He cannot afford to send such stock to his customers, a loss all around being sure to result. There are complaints enough regarding the condition on arrival of fresh stock, and that which has been "pickled" is sure to be quite worthless when it reaches its destination. It is not at all uncommon for a shipper to go out and buy fresh stock for a shipping order though he may have on hand an abundance of the same kind that lacks freshness. The last named must await the advent of a local customer who can use it at once, and he always drives a close bargain for it too. "Pickling" is becoming steadily less and less profitable.

Various Items.

William Barnard, father of W. W. Barnard, died Dec. 25, aged 79 years, at the home of his daughter, Mrs. Professor Howe, Champaign, Ill.

The regular meeting of the Florists' Club will be held tomorrow (Friday) evening. Mr. John Reardon is to read a paper on "A succession of plants to keep the greenhouse benches full."

Mrs. C. L. Washburn is still seriously ill though improving slowly.

E. H. Hunt received no less than 25,000 violets for the Christmas trade. They were all of extra quality and sold at top prices.

The Geo. Wittbold Co. did the largest Christmas business in their long experience, in both the retail and wholesale departments.

E. R. Tauch has gone to Marquette, Mich., where he takes charge of the greenhouses of Mrs. L. H. Stafford.

Bowling.

At the league games played Dec. 27 the following scores were made:

Geo. Asmus	151	161	177
F. Stollery	176	190	169
F. J. Hauswirth	182	155	154
C. Balluff	196	175	180
Ed. Winterson	178	143	155

It was an expensive evening for Mr. Balluff, as during the games some sneak thief made away with his overcoat and contents, the last including his cuffs in which were some valuable cuff buttons.

KANSAS CITY, MO.

Christmas Trade.

The Christmas trade of 1900 is conceded by all the florists to have been the largest and most profitable in the history of the trade here. The home production of cut flowers was limited, and as a consequence many had to buy heavily from Chicago, and not a complaint was heard, as stock arrived in splendid condition. Notwithstanding the fact that retail prices were higher than previous years, the people bought freely, and double the amount of stock could have been sold. It was a general cleanup of cut flowers and flowering plants.

The weather was mild and a little soft until Monday, the 24th, when the mercury dropped low enough to give good flavor to the turkey and called for light protection in the delivery of tender plants. The sales of holly and lycopodium were a trifle better than last year, and those who handle this material in large quantities still have a supply on hand. Their failure to dispose of entire stock may be attributed to the absence of conventional Christmas weather. Kansas City is located close to a mistletoe producing country, yet this important adjunct to the Christmas festivities arrived in poor condition, not being carefully selected or properly packed.

George M. Kellogg, our largest grower, had only a limited supply of stock, yet it was of a high grade, and brought topnotch prices.

Samuel Murray's collection of flowering plants was immense; the Eucharis amazonica, Begonia Lorraine and azaleas were his specialties. Two plants of the latter sold for $25 each. Mr. Murray was also well supplied with American Beauties, the best retailing at $20 per dozen.

W. L. Rock's window looked gorgeous all Christmas week with the cream of the market. A leading flower with him this year was the poinsettia, which took favorably with his patrons.

In addition to an immense cut flower trade Arthur Newell disposed of twenty-five crates of decorative material, and says he has purchased a $200 box for the twentieth century ball.

The Humfeld Floral Co. and W. J. Barnes were successful in holding back their late mums, which brought $6 per dozen.

August Blankenfeld is cutting a fine crop of carnations from his small place and sees the necessity of increasing his glass another year.

Visitors in town the past week were a heavy snow storm and Arnold Ringier, both from Chicago. H. J. M.

GRAND RAPIDS, MICH.

Christmas Trade.

The Xmas trade passed the bounds of expectation. The supply of cut flowers was considerably larger than last year, with the output of full 25 per cent extra of glass area to draw from, and then, was far short of the demand. The greatest shortage was in Meteors, Beauties and red carnations, many a red carnation order being filled with bright pink instead. Shipping orders were more persistently numerous, and larger than ever before, and in connection with this, a run of funeral orders ran through the entire week, taxing the resources of the florists to their utmost, although the funeral orders served the good purpose of working off much stock that might not have been used otherwise. White carnations and pink and white roses were in best supply. There were plenty of Romans and paper whites, but the local demand being light, most were shipped, as were what Harrisii and mums there were left. There were less flowering plants than last year and they sold out clean, yet the demand was for palms and other decorative plants, of which more were sold than at any previous Xmas.

As predicted, there was enormous quantities of holly sold; the hanging of a holly wreath in each prominent window being little short of epidemic. Most of the holly was handled by the commission and seed stores, which have come to make a specialty of these goods with green, laurel and mistletoe. The total sales were probably 20 per cent in excess of last year, which was itself a record breaker. Prices obtained were about the same as last year, with the quality of flowers much better, very little pickled stock being offered; in fact, funeral work kept that cleaned up.

Prices.

Roses, $2 to $3 per dozen; carnations, 75 cents to $1 per dozen; violets, 25 cents to 35 cents; paper whites and Romans, 75 cents per dozen; Beauties, from 20 cents for very short to $1.50 for a first class rose and stem.

G. F. Crabb.

Sedalia, Mo.—Gelven & Son report a splendid holiday trade and bright prospects for the future.

Texarkana, Ark.—M. S. Stegall reports a very large Christmas trade at good prices.

SPECIALTIES IN FERNS.

ADIANTUM FARLEYENSE.
3-in. pots, $2.00 per doz., $15.00 per 100; 4-in. pots, $5.00 per doz., $40.00 per 100
5-in. pots, $9.00 per doz., $70.00 per 100.

ASPLENIUM BULBIFERUM.
A most useful fern to grow into specimens in 5 or 6-inch pots.
4-inch pots, $1.25 per doz., $10 00 per 100.

ADIANTUM CUNEATUM.
Fine plants in 5-inch pots. $2.00 per doz., $15.00 per 100.

ADIANTUM FORMOSUM.
One of the hardiest of the Maiden Hairs. $1.50 per doz., $12.00 per 100.

ASPIDIUM TSUSSIMENSE.
The most valuable plant ever introduced for fern dishes. 2-in. pots, 60 cents per doz., $4.00 per 100, $35.00 per 1000; 3-in. pots, 75 cents per doz., $6.00 per 100, $50.00 per 1000.

DAVALLIA FIJIENSIS PLUMOSA.
A rare variety that is not often offered in quantity. 2-in. pots, $1.00 per doz., $8.00 per 100, $60 per 1000; 3-in. pots, $1.25 per doz., $10 per 100, $80 per 1000.

MIXED FERNS FOR FERN DISHES.
We have always on hand a large stock of Assorted Ferns in good varieties suitable for Jardinieres and Fern Dishes. 2½-in. pots, $3.50 per 100, $30.00 per 1000; 3-in. pots, $6.00 per 100, $50.00 per 1000.

HENRY A. DREER, 714 Chestnut Street..... **Philadelphia.**

Mention The Review when you write.

ADIANTUM FARLEYENSE.

NEPHROLEPIS WITTBOLDII.....

A FERN YOU CANNOT AFFORD TO BE WITHOUT.

Fine Plants ready for 3 and 4-inch pots, $1.00 each, $10.00 per doz., $75.00 per 100.

"The Great Fern of the Future."

Send in Your Order Now.

READ WHAT ONE BUYER SAYS:

NEWARK, OHIO, December 27, 1900.

THE GEO. WITTBOLD CO., Chicago.

GENTLEMEN: Please ship to me as soon as possible 300 more of your Nephrolepis Wittboldii.

The plants I received from you a short time ago are doing so nicely that the more I see of them the more I am convinced that Wittboldii is the Great Fern of the Future, and I feel I cannot get too heavy a stock.

And I know that every enterprising florist will purchase a stock of it as soon as he sees what a grand decorative plant it will make.

Wishing you a prosperous New Year, I remain,

Yours truly,

A. J. BALDWIN.

The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Mention The Review when you write.

MARION, IND.—Gunnar Teilmann's Christmas trade was the largest in his business experience, being double that of any previous Christmas.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Section man; Maids and Brides. Call or address Brant & Noe, Forest Glen, Chicago.

SITUATION WANTED—By first class gardener, S married, in private place; expert in growing roses, carnations, mums and general greenhouse plants; best references from Germany, Holland, Switzerland and this country; Pennsylvania preferred. Address Penn, care of Florists' Review.

WANTED—A strictly sober night fireman that knows his business. Steam boiler. H. McMichaels, Morton Grove, Ill.

FOR SALE—250 feet second hand A No. 1 two-inch pipe. Make me best offer. D. M. Alexander, Westerville, Ohio, Franklin Co.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

SITUATION WANTED—By florist in commercial or private place as foreman or manager. Would rent stocked place—5,000 to 10,000 square feet. Correspondence solicited. P. O. Box 161, Roodhouse, Ill.

SITUATION WANTED—As foreman or section man; American, single, age 41; 20 years' experience in growing roses, carnations, violets, general stock; also good propagater; best of references; sober and reliable. Address W. A. C., care of Florists' Review.

WANTED—A single man with small capital to run market garden and greenhouses on halves. Must understand his business. Address G. G. Ledder, 302 Washington Street, Boston, Mass.

FOR SALE.

Smilax, from flats .....30c per 100; $2.50 per 1000
" from 2-inch pots..... $1.00 per 100
100 Mignonette Plants (Allen's Defiance), mostly in bud .....3c each; $2.50 per 100
Cyperus Gracilis, 4-inch .....75c per doz.
Tomato Plants, pot grown, Beauty and Lorillard, ready January 1st, 1901.

MRS. GRISWOLD, - Worthington, Ohio.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

INDIANAPOLIS, IND.

Christmas Trade.

Xmas trade seems to have been very satisfactory with everybody around here and complaints are few. All the stores report a fine business and most of them could have disposed of more good stock, if it could have been obtained. Both pot plants and cut flowers sold well. Begonia Glorde de Lorraine sold quickly, as did what cyclamen that were in good shape. Azaleas and primulas also sold well. Poinsettias sold well both cut and in pans. Palms, ferns and rubbers had their usual Xmas sale. In cut flowers fancy carnations easily took the lead, and immense quantities were disposed of at unusual prices even for Xmas. Roses sold very well, but the high wholesale prices made it impossible for the storemen to sell them at as good profit as they did the good carnations. Violets went well in spite of the high prices. What few good chrysanthemums that were left went readily. Holly and ground pine are handled by the grocers and immense quantities are disposed of; the better class of florist stores do not handle them much except in large wreaths, etc., and in decorations.

There was not the usual complaining about pickled stock, caused perhaps by the extra good demand just previous to Christmas. The growers also have learned better how to take care of the stock and that it pays to keep it in good condition.

There may not have been much increase over last year, but all seem better satisfied. The growers had no trouble in getting fair prices for good stock, and the people seemed more willing to pay a good price for it. Everybody wanted fancy stock regardless of the price. The weather during the week previous was favorable to the growers and those who had the buds had no trouble in getting a good cut.

Notes.

On Jan. 8 the State Florists' Association will hold its annual meeting at the horticultural rooms at the state house. Officers are to be elected for the coming year and all the members should be present. There will be an exhibition of carnation blooms and any one having new varieties is kindly requested to send blooms. Secretary McKeand is sending out information in regard to certificates, etc., to those desiring to show seedlings. If you have something good, send it along.

A. B.

NEW HAVEN, CONN.

Roderick McKenzie, for the last nineteen years manager for E. H. Barnes, died Nov. 27 of typhoid-pneumonia, aged 52 years. He was widely known in the profession generally as well as locally. He was a member of the Masonic fraternity and of the Scottish Caledonian Club, both of which organizations were prominently represented at the funeral. The display of funeral flowers was the finest ever seen in this city.

Mr. McKenzie left a widow, four sons and one daughter. He was insured in the New York Life. He was prominent in Masonic circles, and at the time the Masons' Home was founded he contributed $2,000.

Send advs. quick for our special Carnation Number, to be issued next week.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF...
CUT FLOWERS.
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS
Mention The Review when you write.

A. H. POEHLMANN,
Wholesale grower of and dealer in
CUT FLOWERS.
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Cut Flowers and Florists' Supplies.
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Shipping orders receive prompt and careful attention.
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Wholesale Dealers in Everything for Florists.

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Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
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For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

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CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz. $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

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HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.	$100.00 per 100
3 "	8 "	30 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant,	3-inch pot,	12 inches high		$ 25.00 per 100
3 "	5 "	18 "	$1.00 each,	100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4 50 per doz.	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

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Burpee's Seeds Grow

We Have Got Them Ready Now

Young Roses in 2-in.

Perles, Kaiserins, Wootton, Brides, Maids, La France, Meteors, Pres. Carnot.

If you are looking for early bloomers for summer use, send us $1.00 for sample lot of kind you want, and we know the special price we will make you on them until January 15 will get your order. We must have the room. Satisfaction guaranteed or money refunded. Write

GEO. A. KUHL,
PEKIN, ILL.

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LAST CALL

For Advs. in our

SPECIAL Carnation Number

To be Issued

NEXT WEEK.

Copy must reach us by next Wednesday morning at the latest to be in time and earlier will be better.

SEND US your carnation experiences for our next issue.

NOVELTIES OF CHRYSANTHEMUMS, CARNATIONS, CANNAS and GERANIUMS, our SPECIALTY

Preliminary List Now Ready. Free to All Applicants.

NATHAN SMITH & SON, Adrian, Mich.

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F. B. HAYES THE BEST LATE PINK CHRYSANTHEMUM

Stock plants for sale. $2.00 per doz., $15.00 per 100.

WILLIAM SIM.....Cliftondale, Mass.

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Hardy Pinks

Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.

Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 86 W. 12th St., HOLLAND, MICH.

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IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

SAMUEL S. PENNOCK.

Wholesale Florist

{ Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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DENVER, COLO.

Christmas Trade.

The Christmas trade just passed showed considerable increase over that of previous years. The weather was ideal and deliveries were gotten out with little difficulty. As was expected, plants took the lead, Azaleas probably at the head. All that were in shape sold and a good many more could have been disposed of, the price ranging from $3 to $5. Pan poinsettias also sold well, as did a few good lilies. Plant baskets took well and could be called a feature of this year's business. Hampers of Gloire de Lorraine and adiantum were the best. On cut flowers the market was a little short, with the exception of violets, they having turned up in large numbers on the last day. They held their price though and sold at $4 per 100, and were all cleaned out, as Christmas morning was a violet day. Good teas and Beauties were scarce and prices ruled high; teas going at $3 to $5 and Beauties at $5 to $18. Carnations were about equal to the demand and quality good, the fancies especially so.

Trade in ground pine and holly moved along fast. The supply of pine ran away short, notwithstanding the fact that it was sold by every grocery store and corner stand in town. Rocky.

OTTAWA, ONT.

The Christmas Trade.

Ottawa florists express themselves as satisfied with the holiday trade this year. It is unnecessary after this information to say it is unusually good, since any one acquainted with the business aspirations of the enterprising dealer in midwinter blossoms knows that it takes more than a little success to make him feel his labors are getting their due reward. The weather was very favorable this year, an important consideration in a climate like that of eastern Ontario, and the mild days just before Christmas and New Year's made the delivery of goods possible without the risk attending the mercury placing itself at 10 or 15 degrees below zero.

The stock held by local florists for the holiday trade this year was exceptionally good, and some very fine goods, both in cut flowers and plants, were offered.

With a record-breaking Christmas trade, and Parliament, with the extra display at state and social functions attending the return of the Laurier government to power, opening here Feb. 6, the Ottawa florist has reason to believe his energies will all be needed to keep the supply equal to the demand until Ash Wednesday closes the quiet season and begins the preparations for Easter.

A 35-word want adv. free to every subscriber.

Please send us a report of your holiday trade if you have not already done so.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

ROOTED CUTTINGS AND POT PLANTS.

	Per 100
Abutilon Var. Trailing	$1.50
" Savitzi	2.00
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer Struck)	1.00
Alternanthera (W. struck)	.60
Ageratum, Princess Pauline	1.25
" Blue and white	1.00
" Stella Gurney	2.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Fuchsia, 8 varieties	1.50
" Sunray	2.00
" Trailing Queen	2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.25
" (English)	1.50
Ivy Kenilworth	$1.00
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pelargonium, Mixed	3.00
Petunia, Mixed	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

GERANIUMS.

Mrs. Parker	$ 4.00
Silver Leaf	1.50
Ivy Leaf, Named	1.50
Mars	2.50
Countess de Harcourt	2.50
Bronze Beddor	4.00
L'Elegant	4.00
America	15.00
Rose Scented	1.50

New Set of 20 Named, post paid, per 100, $1.00.

Your selection of the following at $2 per 100: Mrs. Taylor, Dr. Livingstone, P. Crozy, Bronze named, Mme. Bruant, Wonder, Fr'k of Nature, Happy Thought, Beauty Poitevine, Alphonse Ricard, Ivy Leaved, E. G. Hill, Dbl. Grant, S. A. Nutt, J. M. Garr, Frances Perkins, King Olga, Grand Chancellor, etc.

Our selection of the above, $15.00 per 1000.

Mixed varieties unnamed, $1.25 per 100. Mme. Salleroi, $1.25 per 100.

Your selection of the following at $1.75 per 100: J. Y. Murkland, Single Grant, La Favorite, Rev. J. B. Atkinson, Glo. de France, Eliza, etc.

Our selection of the above, $12.50 per 1000.

POT PLANTS.

	Per 100
Abutilon, Variegated, Trailing 2½-in	$4.00
Abutilon, Variegated, Trailing, 3-in	6.00
Alyssum, Variegated, 2¼-in.	4.00
Antirrhinum, 2½-in	4.00
" 3-in	6.00
Asp. Sprengeri, 2-in	3.00
" " 2¼-in	4.00
Coleus, 2-in	3.00
Cineraria, 2¼-in	3.00
Daisy Snowcrest, 2¼-in	4.00
" " 3-in	6.00
Fuchsia, Tr'ng Queen, 2¼-in	$4.00
Forget-Me-Not, 2¼-in	3.00
4-in	10.00
Geraniums including the following: Happy Thought, Bronze, Silver Leaf, Freak of Nature, etc., 2¼-in	4.00
Geraniums, Mrs. Parker, 2½-in	6.00
Common Named, 2½-in	3.50
L'Elegant, 2-in	6.00
Hydrangea, P. & White, 3-in	6.00
Impatiens Sultani, 2¼-in	4.00
Manettia, 2¼-in	$4.00
Primrose, (Chinese), 2¼-in	3.00
Vinca Var, 2-in	2.50
" " 2¼-in	3.00
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00

Stock quoted at $2.00 per 100, $17.50 per 1000; at $1.75, $15.00 per 1000; at $1.50, $12.50; at $1.25, $10.00 per 1000; at 60 cts., $5.00 per 1000; at $1.00, $9.00 per 1000.

Terms, Cash or C. O. D. Send for Descriptive Circular.

GREENE & UNDERHILL, Watertown, N. Y.

LAST CALL

For Advs. in our

SPECIAL

Carnation Number

To be Issued

NEXT WEEK.

Copy must reach us by next Wednesday morning at the latest to be in time and earlier will be better.

GERANIUMS, Fine large plants; S. A. Nutt, Grant, Red Bruant, La Favorite and Pink, 2¼-in., ready for shifting, $2.50 per 100; $22.00 per 1000.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

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Don't miss having an adv. in our special Carnation Number, to be issued next week. Send copy at once or you may be too late.

PLANTS

GERANIUM. 20 leading varieties.

ALYSSIUM. Giant Double.

LANTANA. 10 varieties.

COLEUS. 15 varieties.

AGERATUM. Stella Gurney and Dwarf White.

SALVIA BONFIRE.

SWAINSONA ALBA.

LEMON VERBENA.

HARDY IVY.

From 2½-inch pots, $2.00 per 100.

SMILAX from 2½-in. pots, $1.25 per 100.

ROSES. Bride, Bridesmaids, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100.

ASPARAGUS PLUMOSUS NANUS from 4-in. pots, $10.00 per 100.

CALADIUM ESCULENTUM. 1st size, $2.00 per 100; 2nd size, $1.00 per 100.

Cash With Order.

R. VINCENT JR., & SON.

WHITE MARSH, Md.

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FANCY CARNATIONS

We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
MAROON.		
Gen. Maceo	2.00	15.00

RED.	Per 100	Per 1000
G. H. Crane	$3.00	$25.00
America	3.00	25.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

...BASSETT & WASHBURN

STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

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150,000 STOCK PLANTS and ROOTED CUTTINGS

NOW READY FOR IMMEDIATE DELIVERY AT POPULAR PRICES.

ROSES, Brides, Bridesmaids, Meteor, Perle, Kaiserin and Golden Gate, big strong rooted cuttings, $1.50 per 100; $12.50 per 1000. Any quantity from now on.

CARNATIONS, strong healthy cuttings, well rooted, in any quantity, embracing the 25 choicest varieties in cultivation. See our list and prices.

GERANIUMS, Brianti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. J. M. Gaar, Mme. Jaulin, Frances Perkins and other varieties, strong 2½-inch pots, $2.50 per 100; $22.50 per 1000. Strong rooted cuttings of above, ready for 2½-inch pots, $1.50 per 100; $15.00 per 1000. All kinds mixed, $1.25 per 100; $10.00 per 1000. Rose Geraniums, rooted cuttings, $1.00 per 100.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $6.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¾-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

PETUNIAS, double fringed, Henderson's and Dreer's latest sorts, including also White Fawn, Mrs. Sander and Pink Perfection. Large rooted cuttings, ready for 2½-inch pots, $1.25 per 100 by mail; $10.00 per 1000 by express. Pure white only, $1.50 per 100.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnaut, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100 (special).

ALTERNANTHERAS, bright red, variegated and yellow, 50c per 100, $4.00 per 1000, (special for ten days).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong 2½-inch, $2.00 per 100; strong R. C., $1.00 per 100.

ASPARAGUS SPRENGERI, strong 2¼-in., ready for 3-inch, $2.00 per 100, (special).

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

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NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100.

" for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $1.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by

F. W. O. SCHMITZ, Jersey City, N. J.

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Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

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Primroses.

1000 Chinese Mix, 2-inch pots	per 100,	$1.00
Asparagus Sprengeri	"	2.00
Alternanthera, red and yellow, Feb. 1,	"	2.00
Ageratum, blue, Feb. 1	"	2.00
Geraniums, our selection	"	3.00

CASH.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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XXX SEEDS

VERBENA GRANDIFLORA. The finest large flowering varieties grown. Mixed, 800 seeds 50 cents.

CHINESE PRIMROSE. Finest grown. Large flowering fringed; 15 varieties, single and double, mixed. 500 seeds, $1; half pkt., 50 cents.

PANSY—FINEST GIANTS. Extra fine; the best of the mammoth flowering varieties, mixed. 3,500 seeds, $1.00; half pkt., 50 cents.

JOHN F. RUPP, - - Shiremanstown, Pa.

THE HOME OF PRIMROSES.

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WHERE are you going to buy your **Holly?** Our stock is now ready for shipment. Sample 10-lb box, $1.60. Send for it. It's strictly fine. **CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.** P. S.—We also sell some Wild Smilax.

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LETTUCE.

Big Boston and Boston Market, and other varieties. 15c per 100, $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE.

Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON,

WHITE MARSH, MD.

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ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Geraniums, 2½-in., all named, $2.50 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

S. D. BRANT, Clay Center, Kans.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Always mention the Florists' Review when writing advertisers.

THE BIG FOUR.

OUR INTRODUCTIONS OF NEW CARNATIONS FOR 1901.

		Per doz.	Per 100	Per 1000
Sunbeam:	Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems	$1.50	$10	$75
Bon Homme Richard:	White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long	1.50	10	75
Nydia:	Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem	1.50	10	75
Prolifica:	Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer	1.50	10	75

First lot ready February 1, of the above four varieties.

OTHER INTRODUCTIONS.

	Per doz.	Per 100	Per 1000
GOV. ROOSEVELT	$2.50	$12.00	$100.00
PROSPERITY	5.00	16.00	130.00

	Per doz.	Per 100	Per 1000		Per doz.	Per 100	Per 1000
NORWAY	$1.50	$10.00	$75.00	**EGYPT**	$1.50	$10.00	$75.00
LORNA	1.50	10.00	75.00	**MERMAID**		6.00	50.00
IRENE	1.50	10.00	75.00	**DOROTHY**	1.50	10.00	75.00

OTHER VARIETIES.

		Per 100	Per 1000
Mrs. Thos. W. Lawson	cerise pink	$7.00	$60.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
America	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Maceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
Jubilee	scarlet	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Eveliza	white	1.00	8.00
Armazindy	variegated	1.00	8.00

Rooted Cuttings of Standard Varieties Ready Jan. 1. Write for Descriptive Catalogue.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

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THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., - Flatbush, N. Y.

Mention The Review when you write.

KALAMAZOO, MICH.

Christmas trade was the best we ever had, the supply and demand being equally good. Roses and carnations were plentiful and of good quality. Violets scarce and poor. Some woe begone looking mums were still in evidence. Pot plants, such as azaleas, primulas and poinsettias were plentiful and sold readily at good prices.

The Van Bochove Bros. were fortunate enough to strike into a good cut of both roses and carnations. Their Maids and Brides were of excellent quality and Meteors were especially fine and plentiful. Beauties, of which they have one house, were good. The supply being short and demand brisk have determined them to plant this rose more largely in future. They are cutting some very fine carnations of both the standard and newer sorts. Ethel Crocker and Lawson are doing remarkably well with them and will find more bench room next year. Hill, White Cloud and Bradt are grown in quantity and are superb. They have this year devoted one house to adiantum, which is panning out well. Begonia Gloire de Lorraine (of which they had a table of nice specimens) found ready purchasers at from $3 to $5 each. Poinsettias are so much in favor they could not nearly supply the demand.

The Dunkley Floral Co. had some fine carnations of standard sorts, the newer varieties being also well represented. They also had some fine cyclamen and poinsettias, which found ready sale at good prices.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write

Mr. Batson, who confines himself almost entirely to carnation culture, had a splendid cut, his especial favorite being Armazindy, which he grows to perfection.

The prospects for next month are good. If prices hold up there won't be so many long faces among our florist friends for some time to come.

Rides.

Advs. for our special Carnation Number, to be issued next week, must reach us by next Wednesday morning at the latest, and earlier will be better.

The Floral Exchange, Philadelphia, report that they are receiving 50 per cent more for blooms of their new rose Queen of Edgely than for those of their best Beauties. At Christmas they received $10 a dozen for their best Beauties and $15 a dozen for their best Queens.

Readers will confer a favor by sending in items of trade interest.

THADEN'S WIRE TENDRIL.

Pre-eminently adapted to Roses and Carnations on account of its Economy and other advantages.

With the Tendril, Roses, etc., may be trained to an upright position from the start.

The Tendril does not crowd the plant, but holds it firmly and with freedom. Does not mutilate the foliage. Harbors no insects. Makes the plant come to a straight stem. Admits of free circulation of air. Requires no skilled labor to place properly. Can be moved up or down the stakes. Easily put on and easily taken off; and are durable.

Samples and prices on application.

H. THADEN & CO.,

Florists and Seedsmen,

23 S. Broad St., ATLANTA, GA.

Mention The Review when you write.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Carnations.

Fourteen Houses of Stock Plants.

Let me figure on your orders, I'll make it worth the trouble of writing for prices now.

Ageratum "Stella Gurney,"

From Pots or Rooted Cuttings by the 100 or 1000.

ALBERT M. HERR,

LANCASTER, PA.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

100,000 R. C. CARNATIONS

READY TO SHIP

	Per 100	Per 1000
Olympia	$5.00	$45.00
G. Lord	4.00	35.00
Ethel Crocker	3.50	30.00
Morning Glory	3.50	30.00
Mrs. G. Bradt	2.50	20.00
G. H. Crane	2.50	20.00
America	2.50	20.00
Gold Nugget	2.50	20.00
Gen. Maceo	2.50	20.00
Gen. Gomez	2.00	18.00
White Cloud	1.50	12.50
Peru	3.00	25.00
Mrs. F. Joost	1.50	12.50
Flora Hill	1.50	12.00
Daybreak	1.50	12.00
William Scott	1 25	10.00

CASH WITH ORDER.

FT. DODGE GREENHOUSE CO.

H. E. MITTING, Manager. FORT DODGE, Iowa

Mention The Review when you write.

Genevieve Lord

The greatest money-getting Pink Carnation ever introduced.

A descendent of Wm. Scott, but its superior in every way. A big claim. If you don't believe it come and see it. Please note change in price of Rooted Cuttings for January 1st delivery and after: $6.00 per 100, $50.00 per 1000. Booking orders NOW. Deliver any time you say after January 1st, 1901.

CHRYSANTHEMUMS.

Stock Plants. New and Old Varieties. Write for prices.

H. WESER & SONS, Oakland, Md.

Mention The Review when you write.

GENEVIEVE LORD

The peer of Pink Carnations. Orders taken now for Rooted Cuttings, ready for delivery after January 15. $5.00 per 100, $40.0 per 1000. Also

Perle Rose Cuttings,
$2.00 per 100, $15.00 per 1000.

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

BOSTON FERNS

Don't Forget that we have them in all sizes, 2½, 3, 4, 5, 6 and 7 in.—Beauties. Order a sample lot. You will want more.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

New Carnations for 1901.

LORNA. (Dorner) pure white, a decided improvement on White Cloud in size, habit, stem, form, color and continuous blooming. **$10.00** per 100; **$75.00** per 1000.

MERMAID. (Dorner) salmon pink, large flower, good color, early and extremely free; stem a little weak after transplanting but improves quickly. A good summer bloomer in the field. **$6.00** per 100; **$50.00** per 1000.

ROOSEVELT. (Ward) rich brilliant scarlet shaded maroon. Early and free. The peer of all dark carnations. **$12.00** per 100; **$100.00** per 1000.

PROSPERITY. (Dailledouze) white overlaid with pink. An exceptional large carnation. The winner of the Lawson Gold Medal in 1900. **$16.00** per 100; **$130.00** per 1000.

IRENE. (Crabb & Hunter) commercial pink Carnation. Free and continuous bloomer. **$10.00** per 100; **$75.00** per 1000.

Let us book your orders now for the new varieties.

Also for the 1900 novelties: CROCKER, LAWSON, G. LORD, MARQUIS, OLYMPIA and PERU.

We make a specialty of ROOTED CUTTINGS.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

100,000 R. C. Carnations Ready to Ship.

	Per 100	Per 1000
A. Mitting, 1901, light cream, 4-inch bloom	$10.00	
Mrs. A. Mitting, clear pink, fine, 1901, 10.00		
Master De Roo Mitting, 1901, fine white	10.00	$75.00
Mrs. Thos. W. Lawson	7.00	60.00
Olympia	5.00	40.00
Genevieve Lord	4.00	35.00
E. Crocker	4.00	35.00
Morning Glory, the coming Daybreak	4.00	35.00
Mrs. G. M. Bradt	3.00	25.00
G. H. Crane	3.00	25.00

25 Cuttings at 100 rates; 250 at 1000 rates.

	Per 100	Per 1000
America	3.00	25.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.50	20.00
Gen. Gomez	2.00	15.00
White Cloud	1.50	12.50
Peru	3.00	25.00
Mrs. F. Joost	2.00	15.00
Flora Hill	1.50	12.00
Argyle	1.50	12.00
Daybreak	1.50	12.00
Wm. Scott	1.25	10.00
Armazindy	1.25	10.00

Cash or C. O. D.

THE MORRIS FLORAL CO. Morris, Ill.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LAST CALL For Advs. in our SPECIAL CARNATION NUMBER

To be Issued **NEXT WEEK.**

Copy must reach us by next Wednesday morning at the latest to be in time and earlier will be better.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUM.

Ageratum Princess Pauline R. C. [illegible] per 100; 2 in. pots, ready for shift, $2.[illegible] per 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

Ageratums Stella Gurney and Dwarf White, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratums. Stella Gurney, $4.00; Princess Pauline, $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Stella Gurney, from pots or rooted cuttings by the 100 or 1,000. Write for prices. A. M. Herr, Lancaster, Pa.

Ageratum, blue and variegated, 3 in., $3.00 per 100. Geo. W. Fetzer, Allentown, Pa.

Ageratums, blue, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, red, yellow and pink, 2¼-in., 4 months old, $2.00 per 100. Mrs. Huldah Salveson, Petersburg, Ill.

Alternantheras, bright red, variegated and yellow, 50c per 100; $4.00 per 1,000. South Side Floral Co., Springfield, Ill.

A. nana, yellow; P. major, red; R. nana, pink, 50c per 100; $4.00 per 1,000. Cash. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, Feb. 1, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ALYSSUM.

Double alyssum, 2 in. pots, $2.50 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, out of 2 in. pots, $2.00 per 100. Geo. W. Fetzer, Allentown, Pa.

Send in your order now for a copy of the Florists' Manual.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 6-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.60	12.00
Sprengeri	6-inch	6.00	

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Plumosus Nanus, 2½ inch pots	$ 5.00	per 100
3 inch pots	6.00	"
4 inch pots	12.00	"
Sprengeri, 2½ inch pots	3.00	"
3 inch pots	5.00	"
4 inch pots	8.00	"

The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, from 2½inch pots, $2.50 per 100; $20.00 per 1,000. From 4-in. pots, $1.00 per doz. $8.00 per 100. Asparagus P. Nanus, from 4-in. pots, $1.00 per doz, $8.00 per 100; Asparagus Tenuissimus, nice 2½-in. plants, $3.00 a 100. Cash. The John A. Doyle Co., Springfield, O.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $2.50 per 100; $20.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

Asparagus Plumosus. Good stock, in 3-in. pots, $8.00 per 100; $70.00 per 1,000. 2-in. pots, suitable for ferneries, $5.00 per 100; $45.00 per 1,000. C. W. Cox, 2d and Bristol Sts., Philadelphia, Pa.

A. plumosus nanus extra fine, 3-in., $1.00 per doz., $7.50 per 100, $65.00 per 1,000. A. Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus. Extra fine. To clear out, 3-in. pots, $6.00 per 100; $50.00 per 1,000. Charles Zimmer, West Collingswood, N. J.

Sprengeri, strong 2½-in., $3 per 100. Strong 3-in., $4 per 100. Kennedy & Farnham, Carrollton, Mo.

A. Sprengeri. 1,500 XX 3-in., $3.50, 500 XX 4-in., $6.00 per 100 cash. Roney Bros., West Grove, Pa.

A. Sprengeri, 2-in., $2.00 per 100. Special cash sale. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 3-in., $5.00, 4-in., $10.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

A. plumosus nanus, 4-in., $10.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

Strong, 2¼-in., ready for 3-in., $2.00 per 100. South Side Floral Co., Springfield, Ill.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds, 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Ricinifolia and speculata, 3-in., $7 per 100. Kennedy & Farnham, Carrollton, Mo.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

BOUGAINVILLEA.

Bougainvillea glabra Sanderiana, extra fine, 4-in., $2.50, 5-in., $3.00 per doz. Michel Plant and Bulb Co., St. Louis, Mo.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

BULBS.

TULIPS. Cottage Maid, Chrysolora, D. de Parma, Joost van Vondel, La Reine, Rose gris-de-lin, Yellow Prince, La Candeur, Parrots, double and single to color. Any of these, 100, 60c; 1,000, $4.50; 10,000, $40.00.

Tuberous Rooted Begonias, single flowers, 1 to 1½-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 50c; 100, $2.50.

	Doz.	100.
Double flowers, separate colors, extra, first size	75c	$5.00
Second size	60c	4.00
Gloxinias, very large bulbs, mixed	50c	3.00
Gloxinias, separate colors	60c	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
H. H. Berger & Co., 47 Barclay St., New York.

Lilium auratum, prime stock, 7-9 inches, 50c per doz, $3.75 per 100, $35.00 per 1,000; 9-11 inches, 85c per doz, $6.25 per 100, $60.00 per 1,000; 11-15 inches, $1.70 per doz., $12.00 per 100, $120.00 per 1,000. Tuberoses due first week in January. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla Bulbs Delivered. 1 to 1¼ in. diam., $3.00 per $100, $25.00 per 1,000; ¾ to 1 in. diam., $2.00 per 100, $17.00 per 1,000; ⅝ to ¾ in diam., $1.35 per 100, $11.50 per 1,000; sets 1¼ to 2 in. long, 60c per 100, $5.00 per 1,000. Mrs. Theodosia B. Shepherd, Ventura-by-the-Sea, California.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Surplus at reduced prices. Japan Lilium longiflorum, 6 to 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Lilium auratum. Sizes 8-9 and 9-11 on hand. Prices on application. Suzuki & Iida, 11 Barclay St., New York.

Caladium esculentum, 1st size $2.00, 2d size $1.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan bulbs All kinds. Write for prices. Bobbink & Atkins, Rutherford, N. J.

CANNAS.

New Cannas. Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas Pennsylvania and Mrs. Kate Gray, also the cream of Crozy's most recent introductions, such as: Countess de Breteuil, Mme. Louis Druz, Souv. de Mme. Nardy, Chas. Molin, J. Aymard, C. Drevet and Mme. Alfred Blanc. In standard varieties we have a large stock of the following and other favorites: Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Egandale, etc. Nathan Smith & Son, Adrian, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$7.00	$60.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
America, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	16.00
Jubilee, scarlet	2.00	16.00
John Young, white	1.60	12.00
Flora Hill, white	1.60	12.00
Argyle, cerise pink	1.60	12.00
Daybreak, light pink	1.60	12.00
William Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, variegated	1.00	8.00

CHICAGO CARNATION CO, JOLIET, ILL.

Rooted carnation cuttings ready for immediate shipment; all fine and well-rooted stock:

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson	$ 7.00	$60.00
Sunbeam	10.00	75.00
Prolifica	10.00	75.00
Marquis	5.00	40.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Mrs. Geo. Bradt	3.00	26.00
G. H. Crane	3.00	25.00
Chicago	3.00	20.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	16.00
Mrs. F. Joost	1.50	12.00
Mrs. J. Dean	2.00	16.00
Jubilee	1.50	12.00
Flora Hill	1.50	12.00
Daybreak	1.50	12.00
Evelina	1.00	8.00
Triumph	1.50	12.00

Joseph Labo, Joliet, Ill.

Carnation Novelties. We are able to furnish any novelties not listed at introducers' prices and date of delivery. Prosperity (formerly known and exhibited as No. 666.) Winner of many certificates. $5.00 per doz.; $16.00 per 100. Gov. Roosevelt, brilliant maroon, $2.50 per doz.; $12.00 per 100. Norway, pure white, $1.50 per doz.; $10.00 per 100. Egypt, scarlet crimson, $1.60 per doz.; $10.00 per 100. Lorna, pure white, improved White Cloud, $2.00 per doz.; $10.00 per 100. Mermaid, salmon pink, $1.00 per doz.; $6.00 per 100. We shall have a complete line of the recent introductions, including Mrs. Lawson, Ethel Crocker, G. Lord, Morning Glory, The Marquis, etc. Also such standard sorts as: Flora Hill, G. H. Crane, White Cloud, Gen Maceo, etc. Nathan Smith & Son, Adrian, Mich.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Lawson	$6.00	
The Marquis	5.00	$45.00
Ethel Crocker	4.00	30.00
Mrs. Bradt	2.50	20.00
Joost	1.50	12.50
White Cloud	1.50	12.50
Flora Hill	1.50	12.50
Triumph	1.50	12.50
Jubilee	1.50	12.50
Daybreak	1.50	12.50
Armazindy	1.50	12.50
Wm. Scott	1.00	7.50
Thos. Cartledge	1.00	7.50
Red Jacket	1.00	7.50
Victor	1.00	7.50
McGowan	1.00	7.50

Fine, stocky, absolutely free from stem rot or other disease.
F. E. Shaw, 326-28 Sunset Ave., Utica, N. Y.

CARNATIONS.

We offer choice rooted cuttings, first-class in every way, at following prices:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

Carnations. Rooted cuttings. We are booking orders now at the following prices per 1,000: G. H. Crane, $25.00; Mrs. Bradt, $25.00; Madam Chapman, $25.00; Daybreak, $12.50; White Cloud, $12.50; Flora Hill, $10.00; McGowan, $10.00; Eldorado, $10.00. We have the largest and finest stock of these varieties to be seen anywhere, and will have large quantities of cuttings during the season. If you are in need of a large lot write me and get special price. Can save you money. We also have the blooms of the above varieties at market quotations. Violet blooms at all times. Chas. Chadwick, lock box 11, Grand Rapids, Mich.

New carnations for 1901. Lorna (Dorner), pure white, $10.00 per 100; $75.00 per 1,000. Mermaid (Dorner), salmon pink, early and extremely free, $6.00 per 100; $50.00 per 1,000. Roosevelt (Ward), the peer of all dark carnations, $12.00 per 100; $100.00 per 1,000. Prosperity (Dailledouze), white, overlaid with pink and the winner of the Lawson gold medal in 1900, $16.00 per 100; $130.00 per 1,000. Irene (Crabb & Hunter), pink, free and continuous bloomer, $10.00 per 100; $75.00 per 1,000. Let us book your orders for the above; also for the 1900 novelties. Rooted cuttings a specialty. F. Dorner & Sons Co., La Fayette, Ind.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Carnations—Lawson and Olympia, $6.00 per 100, $45.00 per 1000; Crane, America, Bradt, Pingree, Morning Glory and Glacier, $3.00 per 100, $25.00 per 1000; White Cloud, Jubilee, Maceo and Wood, $2.00 per 100, $17.50 per 1000; Daybreak, Triumph and Joost, $1.50 per 100, $12.50 per 1000; Scott, $1.00 per 100, $8.00 per 1000. Stock fine and healthy; cuttings well rooted. You will be pleased. W. J. & M. S. Vesey, Fort Wayne, Ind.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

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Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

HOOSIER MAID, the ideal commercial white, $1.50 per doz., $10.00 per 100, $80.00 per 1,000. A. Rasmussen, New Albany, Ind.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Fourteen houses of stock plants; let me figure on your orders. I'll make it worth the trouble of writing for prices. A. M. Herr, Lancaster, Pa.

Genevieve Lord. Orders taken now for rooted cuttings (Jan. 15th delivery) at $5.00 per 100; $40.00 per 1000. J. F. Ammann, Edwardsville, Ill.

100,000 rooted cuttings ready to ship. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

Rooted cuttings of Genevieve Lord, for Jan. 1st or later delivery, $6.00 per 100; $50.00 per 1,000. H. Weber & Sons, Oakland, Md.

100,000 R. C. carnations, ready to ship. For varieties and prices see display adv. in this issue. Morris Floral Co., Morris, Ill.

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Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

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R. C. carnations, 25 choicest vars. in cultivation. South Side Floral Co., Springfield, Ill.

2,000 rooted Portia cuttings, $3.00 per 100. Cash. H. H. Dunn & Co., Saxonville, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Our introductions. Iolantha, an early incurved pink, best yet produced. Omega, second early yellow of the V. Morel type. Mrs. Elmer D. Smith, a closely incurved Japanese variety; an improvement on Maj. Bonnaffon. All of the above have been certificated by the C. S. A. Price 50c each; $5 per doz.; $35.00 per 100. Ready April 1st, 1901. Eight New Pompons, possessing new forms and colors and including several light pinks that are very desirable. Argenta, Zeroff and Rosina are our three Mizpah Seedlings, pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class. Phallena (Double Mizpah); the above 25c each; $2.50 per doz. Ready April 1, 1901. We are also booking orders for Timothy Eaton, the sensation of the season. 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1, 1901. We can furnish all novelties that will be disseminated the coming season at introducers' prices. In European Novelties we have the following to offer: Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Wallerooo, Miss May Manser, Mrs. Barkley, Mrs. Ritson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Annie Prevost, Sunset, Miss Alice Byron, Mdlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone; prices and descriptions on application. Tested Novelties of 1900, from 2 1-4-inch pots; ready February 1, 1901. Gold Mine, Col. D. Appleton, Orizaba, 10c each; $8.00 per 100. Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba and Walter Molatsch, 10c each; $6.00 per 100. Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Stock plants, variety unexcelled, from benches and 8-in. pots, packed light $5 per 100; 5 per cent for cash with order. White: Mme. Bergman, Ivory, Merry Christmas, White Swan, Mrs. Jerome Jones, Mrs. H. Robinson, Queen, Niveus, Domination, Yanoma, Evangeline, Wanamaker. Pink: Autumn Glory, Harry Balsley, V.-Morel, Glory of the Pacific, Helen Bloodgood, Pink Ivory, Pres. Smith. Red: Cullingfordii. Yellow: Clara Goodman, Eugene Dailledouze, Hicks Arnold, Harry May, Mrs. L. C. Maderia, Golden Wedding, W. H. Lincoln, Yellow Fellow, Golden Hair, Harry Hurrell. 25 at 100 rate. John J. Arnold, Homer, N. Y.

Timothy Eaton, the sensational white mum of the decade, will be disseminated April 1, 1901. Price: 50c each, $5.00 per doz., $30.00 per 100. Strong plants guaranteed. The E. G. Hill Co., Richmond, Ind., and R. Craig & Son, Phila., Pa., joint owners in the U. S. Miller & Sons, Bracondale, Ont., sell at same price in Canada.

Chrysanthemum stock plants, in fine condition; packed with care; satisfaction guaranteed. Ivory, Fitzwygram, Robinson and 20 others, 5c each. Perrin, Iora, Constable, King and the early yellow Fitzwygram, 10c each. Mrs. Baer, Mlle. Faure and Chadwick, 15c each. Shilo and Xeno, 25c each. 10 per cent discount on all orders received before Jan. 1, and we prepay express on orders of $2.50 or more. We are booking orders now for Col. Appleton, Shilowa, Monrovia, Xeno and others at $6.00 per 100. Cottage Greenhouses, Litchfield, Ill.

Chrysanthemum stock plants: Mrs. Weeks, Queen, Jones, Chadwick, Merry Christmas, Pink Ivory, Mrs. Perrin, Maud Dean, Bonnaffon, Modesto, Golden Wedding, Maud Adams, Sunstone, Thornden, Mrs. Peirce, Blackhawk, G. W. Childs, etc., $1.00 per doz.; $7.00 per 100; our choice, $6.00 per 100. Silver Wedding, Shilowa, Mrs. Baer (Yellow Jones), Xeno and other recent introductions, $1.50 per doz. Harkett's Floral Nursery, Dubuque, Iowa.

Having secured a large block of the stock of the sensational chrysanthemum, Timothy Eaton, we are prepared to book orders for spring delivery. Order at once. Price, 50c each, $5.00 per doz., $30.00 per 100.

Col. D. Appleton, the finest yellow chrysanthemum ever introduced. Orders booked for spring delivery at $8.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A. Hite Ave., Louisville, Ky.

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Chrysanthemum, New Gold Smith, cream-yellow tinted with bronze; a sport from W. R. Smith, the finest of its color. A grand flower. Plants delivered Mar. 1. Price, $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

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Rooted runners of Bonnaffon, as good a yellow as one would wish to grow, $1.00 per 100. Or will exchange for geraniums, ferns, asparagus, pansies, vincas or daisies. T. M. Fitzgerald, Beaver, Pa.

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Stock Chrysanthemums. Chadwick, Xeno, Nagoya, Lucie Faure, 10c each, $1.00 per dozen. Queen, Yellow Queen, Bloodgood, Modesto, 75c per dozen. F. E. Shaw, 326-28 Sunset Ave., Utica, N. Y.

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Cyrtomium Falcatum	4-inch	3.50	30.00
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3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
6-inch	4.00	30.00	....
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Pot.	Height.	Leaves.	Each.	Doz.	100.
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Fine pot plants ..... .50 2.50 20.00

Hydrangea, P. G., 3 to 4 ft., $1.50 per 10; $10.00 per 100. 3 to 4 ft. XX, $1.80 per 10; $15.00 per 100. Send us your order now for spring.
Elizabeth Nursery Co., Elizabeth, N. J.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid; $10.00 per 1,000 by express. Aquilegia chrysantha and Primula veris, $2.50 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

CALIFORNIA PRIVET. Strong plants, 2 to 2½, $2.50 per 100, $20.00 per 1,000; 18 to 24 inches, $2.00 per 100, $17.50 per 1,000; 12 to 18 inches, $1.50 per 100, $12.00 per 1,000; 5-ft. high, for screens, $7.50 per 100. F. O. T. Bloh will not order and 6 per cent off for next 10 days. Contracts made for privet cuttings. Jas. H. Cornell, Proprietor Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown, in complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Dicentra spectabilis, field-grown, $35.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000.
S. E. Hall, Cherry Valley, Ill.

Honeysuckles, Hails and Belgica, 2 years old, field-grown, $3.00 per 100. Sawwahkaha Greenhouses, L. B. 227, Oyster Bay, N. Y.

Boston ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Heliotropes, 2½-in., per 100: The Czar, Napoleon and Violet Queen, $3.00; Mme. Bonay, Le Poitevine and Le Cid, $4.00. Michel Plant and Bulb Co., St. Louis, Mo.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

HYDRANGEAS.

Otaksa and Hogg, good, field-grown, 3 to 6 crowns, $1.60 per doz.; $10.00 per 100. Otaksa and Red Branched, 2½-in., well-rooted, 60c per doz.; $3.00 per 100. Sawwahkaha Greenhouses, L. B. 227, Oyster Bay, N. Y.

Otaksa, magnificent, strong stock, with 4 to 7 branches, $10.00 per 100; $85.00 per 1,000. Jackson & Perkins Co., Newark, New York.

IVIES.

English ivy, 4-inch, $2.00 per doz.; 5-inch, $3.00 per doz.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

English ivy, extra good, 2½-in., $2.00 per 100; $25.00 per 1,000. Sawwahkaha Greenhouses, L. B. 227, Oyster Bay, N. Y.

Hardy English ivy. Strong plants, grown in 4-in. pots, 2 to 4 ft. long, $10.00 per 100.
L. H. Moon, Govanstown, Baltimore, Md.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

Hardy ivy, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, red and white, 2¼-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Lantanas, 10 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Lantanas. 6 finest varieties, R. C., $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

Lantanas, 2½-in., fine, $2.00 per 100. Mrs. Huldah Salveson, Petersburg, Ill.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00.
Jackson & Perkins Co., Newark, New York.

Lily of the Valley pips, largest and finest in the world, either Berlin or Hamburg, $10.00 per 1,000; case lots (5,000 in case) $9.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

MIGNONETTE.

Mignonette plants (Allen's Defiance), mostly in bud, 3c each; $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Double yellow nasturtium. Fine trailing plants, especially adapted for vases and hanging baskets and have no equal as cut flowers. Out of 2½-in. pots $1.00 per doz. Geo. W. Petzer, Allentown, Pa.

ORANGES.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful bushy, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
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We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:
ARECA LUTESCENS.

	Inch Inches	Per	Per
	pots. high.	doz.	100.
2 plants	24-28	$12.00	$100.00
3 plants	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch	Inches	Per	Per
	pot.	high.	doz.	100.
1 plant		12-15	$2.00	15.00
3 plants	5	18 each	1.00	

KENTIA BELMOREANA.

Inch pots.	Inches Leaves. high.	Per doz.	Per 100.
4	5-6 15	$ 4.50	$ 35.00
6	6 24	12.00	125.00
8	6-7 30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Inches Leaves. high.	Per doz.	Per 100.
4	4-5 15	$4.50	$35.00
		Each.	Per doz.
6	5 24-28	1.00	12.00
8	5-6 30	1.25	15.00
8	6 36-40	3.00	36.00

All measurements are from top of pots.
HENRY A. DREER, PHILADELPHIA, PA.

Bail's palms, etc., choice hardy stock, perfect in every respect.
Areca Lutescens, bushy, several plants together, 4-in. at 25c; 6-in. at 50c and 75c; 8-in. at $1.50; 10-in. at $4.00 and $5.00. Large, bushy specimens, 14 and 16 in. pots, at $17.50 to $25.00.
Kentia Belmoreana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 5-in. at 75c; 6-in. at $1.00 and $1.25; 8-in. at $2.00.
Kentia Forsteriana, 3-in. at 20c and 25c; 4-in. at 40c and 50c; 6-in. at 75c.
Latania Borbonica, 4-in. at 25c; 6-in. at 50c and 75c. Made up, 3 plants, 6-in. at 75c; 8-in. at $1.00.
Livistona Rotundifolia, 4-in. at 40c; 5-in. at 75c.
Pandanus Veitchii, 6-in. at 75c and $1.00; 8-in. at $2.00.
Cocos Weddeliana, Ficus Elastica, Dracaena Terminalis, Dracaena Sanderiana, Araucaria Excelsa, etc., etc. Price list on application.
Chas. D. Ball, Holmesburg, Philadelphia, Pa.

KENTIA BELMOREANA.

2½-inch pots	$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves	$15.00 per 100
4-inch pots, 14 to 16 inches high	30.00 "
5-inch pots, 18 inches high	60.00 "
5 and 6 inch pots, 18 to 22 in. high	75.00 "

ARECA LUTESCENS.

2½-inch pots	$6.00 per 100; $50.00 per 1,000

KENTIA FORSTERIANA.

2½-inch pots	$10.00 per 100
3-inch pots, 12 inches high	15.00 "
4-inch pots, 15 to 18 inches high	25.00 "
5-inch pots, 18 to 22 inches high	50.00 "
5 and 6 in. pots, 24 to 28 in. high	75.00 "

The Storrs & Harrison Co., Painesville, O.

WITTBOLD'S FALL LIST.
The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.
When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size.	Height. No.	Per	Per	Per
Pot.	Inches. Leaves.	Each.	Doz.	1,000.
2½	8 to 9 2 to 4	....	$ 1.50	$ 12.00 $100.00
3	10 to 12 4 to 5	....	2.00	15.00 150.00
3½	12 to 14 5 to 6	$0.25	3.00	20.00 180.00
4	14 to 16 5 to 7	.40	4.00	30.00 300.00
6	16 to 20 5 to 6	.75	7.20	60.00 600.00
7	18 to 22 6 to 7	1.00	12.00	90.00 900.00
6	20 to 22 6 to 7	1.25	15.00	125.00
7	24 to 28 6 to 7	1.50	18.00	150.00
7	36 to 40 6 to 7	2.25	27.00	200.00

KENTIA FORSTERIANA.

Pot.	Height. Leaves.	Each.	Doz.	100.	1,000
2½	8 to 9 3 to 4	....	$ 1.50	$ 12.00	$100.00
3	10 to 12 4 to 5	....	2.00	15.00	150.00
3½	12 to 14 5 to 6	$0.25	3.00	20.00	180.00
5	20 to 24 5 to 6	.75	7.20	60.00	600.00
5	22 to 26 5 to 6	1.00	12.00	90.00	
6	28 to 30 6 to 7	1.25	15.00	125.00	
6	30 to 34 6 to 7	1.50	18.00	150.00	
8	44 to 50 6 to 7	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height. Leaves.	Each.	Doz.	100.	1,000
2¼	....	....	$0.60	$ 4.00	$ 40.00
3	12	5 to 6	1.00	8.00	75.00
3½	12 to 15	6 to 6	$0.15	1.50	12.00 100.00
4	15 to 18	6 to 7	.30	3.00	20.00 175.00
5	18 to 22	6 to 7	.50	5.00	25.00 300.00
6	20 to 24	6 to 8	.60	6.00	50.00
7	24 to 30	6 to 8	.75	9.00	

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6 2 plants in pot	....	$0.60	$ 4.00
3½	12 to 14 3 plants in pot	....	2.00	15.00
4	15 to 18 3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA

Pot	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height. Leaves.	Each.	Doz.	100.
3	....	....	$1.50	$10.00
10	40 to 45	6 to 8	$3.50	

PHOENIX CANARIENSIS.
3-inch pots, 4 to 6 leaves, $1.50 per doz; $10.00 per 100.

CORYPHA GEBANGA.
3-inch pots, 5 to 6 leaves, $3.00 per doz.

CURCULIGO RECURVATA.
4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height. Leaves.	Each.	Doz.
4	....	....	$3.00
6	15 to 20 8 to 12	$0.50	6.00

PANDANUS.

	Pot. Height. Leaves.	Doz.	100
Utilis	2½ 6 to 8 10 to 12	$ 1.00	$ 8.00
Utilis	4 8 to 10 12 to 15	2.00	15.00
Veitchii	6 extra fine	16.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

MARANTA KERCHOVIANA.
4-inch pots, $2.00 per doz.

PEPEROMIAS.
Argyraea and alata, $2.00 per doz.; $15.00 per 100.

ZINGIBER OFFICINALIS (GINGER PLANT).
$2.00 per doz.; 6-in. pots, $3.00 per doz.

SANSEVIERA JAVA, VAR.
Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

LATANIA PALM PLANTS.

Pots.	Plants to pot.	Leaves.	Per doz.
6-in.	2	20 to 22-in. high	10	9.00
7-in.	1	2 ft. br. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz.; $65.00 per 100.
Pandanus Veitchii and Croton plants, prices on application.
J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	Leaves.	Price Per doz.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00 $100.00
5	18-20	6-6	.40	3.00	28.00 275.00
6	20-22	6-6	.65	4.50	40.00 375.00

These plants are all strong, ready to put up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, FLATTSMOUTH, NEB.

Pot.	Ht.	Char. Per in.	Per lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	20-22	6	40.00
Phoenix Reclinata	5	16-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	6-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

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PALMS—Continued.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Latania palms, 2½-in., 3½c; 4-in., 15c; 6-in., 30c. Clean, stocky plants. Send for sample. Joy & Son Co., Nashville, Tenn.

Latania Borbonica, extra stock, grown cool, 6-in. pots, 50c each. B. F. Barr, Lancaster, Pa.

Areca lutescens, 3-in., fine, $12.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

25,000 pansy plants for sale. Good, strong plants from own seed, saved only from largest blooming varieties, $3.50 per 1,000. Cash. Satisfaction guaranteed. Frank Mosmiller, 11 E. Main St., Richmond, Va.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

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Pelargonium Victor, $2.00 per 100. Cash. C. A. Harris & Co., Delanson, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PETUNIAS.

Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Petunias. Dreer's and Henderson's latest world beaters, and they are winners, at $1.25 per 100; $10.00 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Henderson's and Dreer's latest sorts. Large R. C., ready for 2½-in., $1.25 per 100 by mail; $10.00 per 1,000 by express. South Side Floral Co., Springfield, Ill.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

PRIMROSES.

Chinese primroses, fine plants in bud and bloom, 4-in., $5.00 per 100. Obconica, 4-in., fine plants, $5.00 per 100. John Klink, Chicago, Ohio.

Primula Forbesii in bloom from 3-in., $4.00 per 100, from 4-in., $8.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

150 red and white Chinese primroses, fine, healthy plants, ready for 4-in., $4.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

Primula auricula. Extra fine strain of all the newest varieties, $12.00 per 100. C. Long, 277 Jefferson ave., Rochester, N. Y.

Baby primroses, in flats, $2.00, 2-in., $3.00, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

1,000 Chinese primroses, mixed, 2-in., $1.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

ROSES.

200,000 roses. From 2½ pots, $2.50 per 100; $20.00 per 1,000. Golden Gate, Crimson Rambler, La France, Striped La France, White La France, Mosella, Bride, Maid, Etoile de Lyon, Meteor, White Maman Cochet, Marechal Niel, Pink Maman Cochet, C. Soupert, Pink Soupert, The Queen, Muriel Graham, Burbank, Marie Van Houtte, Gen. Lee, Mrs. Degraw, P. Pere, Abel Chatenay, Carolina Marniesse, Yellow Rambler, Empress of China. Large 2-year-old H. P. roses, well branched, shapely plants, average 18 inches high, $1.00 per dozen; $8.00 per 100. Gen. Jacq., Dinsmore, Paul Neyron, Magna Charta, Mme. Masson, Vick's Caprice. Cash with order, please. The John A. Doyle Co., Springfield, Ohio.

EXTRA STRONG 2-YEAR-OLD ROSES, CHEAP, TO MAKE ROOM.

25,000 Roses of the following varieties, strong, healthy plants, potted in 4 and 5-inch pots.

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Hermosa
Etoile de Lyon	Marechal Niel
Enchantress	Maid of Honor
Folkestone	Mme. Abel Chatenay
Golden Gate	Mrs. Robt. Garrett
Gus. Tripelitz	Mme. Cecile Berthod
Geo. Bancroft	Souvenir de Wootton
Henry M. Stanley	Striped La France
Kaiserin	Sylph
Mme. Camille	Tri. de Pernet Pere
Marie Guillot	Victor Hugo
Mme. Watteville	White Maman Cochet
Mme. Welche	" Marechal Niel
Mme. Jos. Schwartz	" La France

Price for a general assortment of the above, and not less than five of a kind, $5.00 per 100; $20.00 for 500; $35.00 for 1,000. We have a quarter million of fine thrifty roses in 2½-in. pots at $2.50 per 100; $20.00 per 1,000. The above prices are for cash only. We would ask that purchasers remit by money order, express order or bank draft, as it costs 25c each to collect personal checks. All stock guaranteed true to name. No charge for packing, which is done in a light and thorough manner.
R. H. MURPHEY & SON, URBANA, OHIO.

Roses, strong, two-year, field-grown. Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $6.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

Rose and Carnation Cuttings. If you are in need of either make out your list, send to us and let us quote you our prices. We are wholesale growers of all the newer varieties of Roses and Carnations and can save you money. WEILAND & RISCH, Wholesale Florists, 59 Wabash ave., CHICAGO.

Roses for spring blooming. Fine 1 and 2-year field-grown plants, that have never been forced, suitable for 5-in. pots, 5c; extra strong, suitable for 6 and 8-in. pots, 9c. Packing free for cash. W. H. Salter, Rochester, N. Y.

Crimson Rambler. Strong field plants, with fibrous roots; just the kind for potting and forcing. Send small order for sample. 3 to 3½ ft., $12.00 per 100; 3½ to 6 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

Bride, Bridesmaid, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Young roses in 2-in. for early summer bloomers. Ready now. Send $1.00 for sample lot of kind you want. Special price until Jan. 15. Geo. A. Kuhl, Pekin, Ill.

Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming. I. H. Moss, Govanstown, Baltimore, Md.

Field-grown American Beauties, 3 years old, $15.00 per 100; $125.00 per 1,000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Strong R. C. Brides and Maids, $1.60 per 100; $12.50 per 1,000. South Side Floral Co., Springfield, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

Perle, rooted cuttings, $2.00 per 100; $15.00 per 1,000. J. F. Ammann, Edwardsville, Ill.

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Hardy roses in great variety. Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

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Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. South Side Floral Co., Springfield, Ill.

Salvia. Scarlet sage, best sort, 2½-in., $3.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

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XXX Seeds. Verbena grandiflora, the finest large-flowering varieties grown; mixed, 800 seeds, 60c. Chinese primroses, large-flowering fringed; fifteen varieties; single and double mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, extra fine; the best of the mammoth-flowering varieties; mixed, 3,500 seeds, $1.00; half pkt., 50c. John F. Rupp, Shiremanstown, Pa.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Asparagus pl. nanus, 100, $1.00; 1,000, $9.00. Asparagus Sprengeri, 100, 50c; 1,000, $3.50. Sweet Pea, early sorts, oz., 5c; lb., 25c. Stocks, ten weeks' perfection, separate colors, oz., 25c; lb., $3.00. Smilax, 1900 crop, oz., 30c; lb., $2.50 H. H. Berger & Co., 47 Barclay St., New York.

Cyclamen Persicum. Giant, Williams' fine mixed. 100 seed, 50c; ¼ oz., $3. Pansy, Madame Perret, as usual; Cecile Davy, trade pkt., 25c.; oz., $4.00; the twentieth century pansies. Forcing radish, lb., 60c. Cauliflower, Erfurt best Danish, seed, oz., $2.50. Beaulieu, Walker and Belmont Aves., Woodhaven, N. Y.

Asparagus Sprengeri, fresh seeds, $4.00 the 1,000. Aspar. plum. nanus, $8.00 the 1,000. Cyclamen, German Giants, pure white, 75c the 100s; bright red, rose, white with eye, 60c the 100s. A. Rolker & Sons, 52 Dey St., N. Y.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

A. Sprengeri seed, 40c per 100. J. Baldwin, 1917 Kossuth st., Lafayette, Ind.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from flats, 30c per 100; $2.50 per 1,000; 2-in. pots, $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

SPIRAEA.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100; Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VEGETABLE PLANTS.

Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Our strain of Lorillard tomatoes is early, heavy and prolific; grown from seed of perfect greenhouse fruit. Strong, cool-grown plants, 2½-in. pots, $2.00 per 100, cash. Roney Bros., West Grove, Pa.

Best two tomatoes for winter forcing—Mayflower and Lorillard, true stock. Fall transplanted plants, $2.00 per 100. Cash please. Benj. Connell, West Grove, Pa.

Lettuce plants, fine, large, stocky plants. Big Boston, Boston Market, Tennis Ball, and others, $1.00 per 1,000. J. C. Schmidt, Bristol, Pa.

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Best mammoths, strong pot plants, $3 per 100; $25 per 1,000; rooted cuttings, $1 per 100; $8 per 1,000. Older mammoths, strong pot plants, $2.60 per 100; $20 per 1,000; rooted cuttings, 75c per 100; $6 per 1,000.
Wood Bros., Fishkill, N. Y.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America. 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

Rooted cuttings 40 best mammoth varieties, 60c per 100; $5 per 1,000. Express prepaid. C. Humfeld, Clay Center, Kan.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VINCAS.

Vinca (trailing), green and variegated, 4-in., 75c per doz., $6.00 per 100; 3-in., 60c per doz., $4.50 per 100. Seawanhaka Greenhouses, L. B. 227, Oyster Bay, N. Y.

Vinca variegated, 2¼-in., $2.50, 3-in., $4.00, 3½-in., $8.00, 4-in., $10.00, 6-in., $15.00 per 100. Rooted cuttings, $10.00 per 1,000; $1.25 per 100. Cash.
Greene & Underhill, Watertown, N. Y.

Vinca major fol. var., $4.00 to $6.00 per 100. Wm. Stuppe, Englewood, N. J.

VIOLETS.

Violet Runnere. 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free.
Wm. Swayne, Kennett Square, Pa.

Lady Campbell, healthy rooted cuttings from sand, 75c per 100 postpaid; $6.00 per 1,000. A. B. Davis & Son, Purcellville, Va.

La France and Princess of Wales, $5.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

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Best 6 varieties hardy garden pinks; Holt's mammoth sort; Vinca major variegated and santolina (lavender cotton), all rooted cuttings, $1.25 per 100. Cash please. Benj. Connell, West Grove, Pa.

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Dracaena terminalis, 4-in., $1.50 per doz., 5-in., $2.50 per doz.; Dracaena indivisa, 4-in., $1.50 per doz.; Cyperus gracilis, 5-in., $2.00 per doz., for summer blooming carnations and Asparagus plumosus. C. Winterich, Defiance, Ohio.

Anything in our 1901 catalogue (which is now ready) for cannas, rubbers, dracaenas, Asparagus plumosus seed or kentias. Morris Floral Co., Morris, Ill.

Baby primroses and vincas to exchange for stock plants of Phenomenal and Elm City fuchsias. Greene & Underhill, Watertown, N. Y.

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Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

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Cinnamon palm crowns, 6 to 10 leaves, per doz., $2.00. Dozen crowns, weight 25 lbs. ready for shipping.

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Magnolia foliage; cases 24x24x48 inches; weight 50 lbs., $2.50 per case. Cases 18x18x40, weight 25 lbs., $1.60 per case.

Gray moss, per 12 lb. sack, $1.00; per 100 lbs., $6.00. Green sheet moss, per 10 lb. sack, $1.00; per 100 lbs., $8.00.

Express rate, 25 per cent less than merchandise rate. R. A. Lee, Evergreen, Ala.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind.

Holly, finest quality; any quantity. Sample 10-lb. box, $1.00. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

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Felt letters, 1½-in., 70c; 1-in., 50c; ¾-in., 35c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

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Baur Window Glass Co., Eaton, Ind.

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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

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Penn Rubber Co., 605 Arch St., Phila., Pa.

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The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

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[illegible] E. Barnes, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

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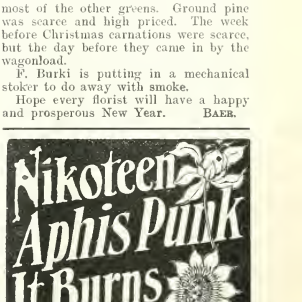
PITTSBURG.

Christmas trade was very satisfactory, both in cut flowers and plants; of the latter more are being sold every year for Christmas and Easter. Cut flowers were cleaned up except some few carnations that went to sheep as soon as out of the box. They don't look so pretty after traveling a couple of hundred miles as they do in the greenhouse on the plants, and the extra forcing and holding over for Christmas trade seems to just take the life out of them, and if it is kept up for a few years more will kill the Christmas business in carnations.

Home grown stock averaged better in quality than in former years, both in roses and carnations. A few Romans were left over. Paper whites were not too plentiful. Charles Koenig had some good Prosperpine tulips cut and planted in pans which sold well. Lilies were scarce and brought $3 per dozen wholesale; otherwise prices were about the same as last year, but more flowers were sold. Christmas trees were all sold and most of the other greens. Ground pine was scarce and high priced. The week before Christmas carnations were scarce, but the day before they came in by the wagonload.

F. Burki is putting in a mechanical stoker to do away with smoke.

Hope every florist will have a happy and prosperous New Year. BAER.



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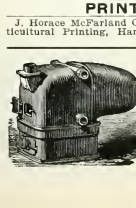

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G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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Entered at the Chicago post-office as mail matter of the second class.

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ANOTHER CARNATION DEAL.

CINCINNATI, O., Jan. 2.—Another great carnation deal. The Adonis, a grand scarlet, winner of two silver medals at Buffalo, originated by Richard Witterstaetter, of this city, has been sold to E. G. Hill and Robert Craig for a sum exceeding $5,000. F. W. B.

WICHITA, KAN.—W. H. Culp & Co. report their Christmas trade as fully 60 per cent better than last year.

LAST CALL for advs. for our special Carnation Number, to be issued next week.

MUSCATINE, IOWA.—E. Kranz is preparing to build new houses in the spring.

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SPOKANE, WASH.—We have not had a full day of sunshine for the last two months. Stock is very scarce. Christmas sales were better than usual, especially blooming plants and palms.

H. E. R.

JACKSON, O.—Mrs. Belle Steele reports an excellent Christmas trade. Stock sold well and at good prices.

THE ILLUSTRATIONS IN THIS JOURNAL ARE MADE BY Brinkerhoff & Barnett Eng. Co. 300-306 Dearborn St. CUTS FOR ALL PRINTING PURPOSES

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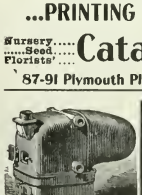

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This number will be widely circulated and will have extra value to all advertisers, and especially to those who have rooted cuttings to offer. And there will be no increase in advertising rates, which are:

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HALF PAGE,	15.00	PER INCH, - -	1.00

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Send in your advs. quick, so we may have time to set them up in our best style.

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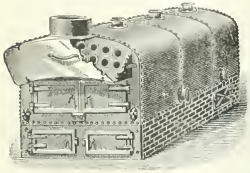

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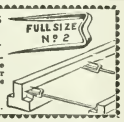

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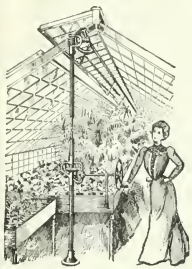

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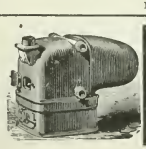

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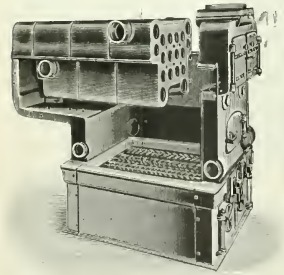

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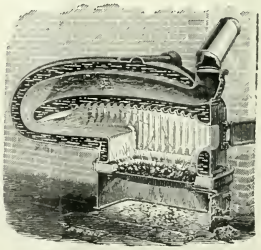

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, JANUARY 10, 1901. No. 163.

CARNATIONS FOR PROFIT.

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E. Crocker, the best 1900 novelty for commercial growers,	4 00	"		35.00	"
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Peru,	3.00 "	Jubilee,	2.00	"	15.00	"
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REPORT OF THE JUDGES

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(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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Double flowers, separate colors, extra, Doz. 100
1st size..... 75c $5.00
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Tuberose Ex. Pearl, 4x6 in., 100, 75c; 1000, $5.50.
" 5x8 in., 100, 50c; 1000, $3.50.

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See page 427 of the Review of Sept. 6 for prices.
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LAUREL FESTOONING 4c a yard for nice all round; fine for dance halls, etc., where you wish a good but cheap decoration. Our 5c and 6c quality take the lead for nice, heavy decorations. We shall carry a stock all winter. When in need write or wire us.

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QUALITY IN CARNATIONS.

Quality is the cry of the retailers, the cry of the man who has new varieties to introduce and the ambition of the cut flower grower.

Can quality be made to pay is a very interesting question for the new century, and the answer will no doubt be made in the affirmative before it is many years older. Today it is an unsolved question with many of the growers. Some very good ones have given it up in disgust and turned their talents into other channels and a few have gone to pieces trying to solve it.

Quality can be produced in any ordinary house, with a good grower at the head of it and an unflinching attention to every little detail of the culture from the selection of the cutting to the end of the plant's career the following summer. The expense of getting quality under these conditions is a very large item and should be carefully reckoned when estimating the cost of production, not forgotting that the man who can produce quality under adverse conditions is worth at least a thousand dollars a year.

It is not such an unattainable thing when the grower has houses to produce it; good big houses, well lighted, well ventilated, well heated and, of course, well managed. The cost of production in such houses could be figured from one-third to as much as one-half less than in poor houses, but the difference in the cost of the plant must here be taken into consideration.

Another item of expense in producing flowers of high quality is the necessity of keeping right up to date with varieties. It is not absolutely necessary that all novelties be bought by the thousand the first year of their introduction, but all of apparent merit should be bought by the 100 (less not being a fair trial) the first season, and then out of a possible dozen you will pick one or more that are so much of an improvement over the old variety of the same color that you will have to plant a house or two of it. This brings us to the point where we can figure on having to replenish our entire plant at least every four or five years (a portion each season, of course). At the price some of the novelties are being held at the past few years a very low estimate for the cost of this replanting would be $60.00 per 1,000, and more likely to reach $80.00 than less, counting the cost of the trial hundreds.

Still another item of expense to add to these high quality flowers is the one of marketing them. They cannot be packed into any old box in any old way, as many of the commoner sorts are, and sad to say often some of these very flowers we are speaking of, but they must be carefully handled all the way through from cutting to placing them on the counter.

After carefully figuring up all the expense side of the ledger, it might look as if there were little or no money in fancy carnations. This is one side of the question.

The deciding point for every grower between high grade carnations and medium grade must be his market. If he has a market that will take fancy carnations at a paying figure, there is no business under the sun that will yield as much pleasure as the turning out of these high grade blooms (to a lover of carnations), and if a fair amount of business sense is used in their production they will yield a reasonable profit, all expenses carefully computed. It is a bit hard to give figures with any degree of accuracy, but where the market will not pay an average of at least $4 per 100 for fancy carnations at least five months out of the eight that they are in season, and not less than half that amount for the remaining three months, the margin between profit and loss is so small that the grower who does not have money to lose had better be content with the medium grades.

In a market that will not pay more than from $1 to $2 per 100 for flowers the grower who is looking for profit will have to depend on the standard sorts that are of known commercial value as flower producers at the lower figure. The grower of this class of stock can by keeping careful watch over the growers of fancy stock pick out varieties that have proven themselves free bloomers and of fair quality and then wait a year or two, by which time the competition between the rooted cutting men will have brought the price down to a nominal figure, and he can stock up and make as much out of it as the man who had it in its first or second year. The grower of this class of stock does not have the fascination of paying $10, $12, $14 or $16 per 100 for rooted cuttings delivered too late in the season to make good plants, neither does he have the losses that accompany them through space taken up with varieties that have not met the expectations of either the seller or the purchaser, but if he is a philosopher he will console himself with the fact that he can watch others have the fascination and the loss and tread on comparatively sure ground himself.

The grower of poor carnations is more likely than ever in this century to be a continual loser until he becomes extinct. All or most all carnation growers consider their pursuit as the best in the whole world, but the constant addition to the number compels us to look to the financial end of it and carefully gauge our market and keep a strict watch on the items of expense and profit, so that we may keep in and up with the race.

A. M. HERR.

THE LAWSON CARNATION.

In your issue of Nov. 22 Mr. Hartshorne's suggestions as to culture of the Lawson carnation have, I think, been generally misunderstood by the trade in general, and because of many inquiries on the subject I think it best to answer through the medium of your paper.

The Lawson, having a tendency to throw short stems early in the season, ought to have all buds or advanced flowering shoots pinched back when housed, which should be done late in July or early in August. The first growth made indoors will give a much longer stem, which will keep increasing as the season advances. At this date (Dec. 31) we have them growing very vigorously, and showing abundance of stems 18 to 24 inches in length, with half developed buds, which will stretch considerably by the time the blooms expand.

A night temperature of 52 to 54 degrees is, I find, a safe one to maintain, with a rise of not over 15 degrees by day during the dull and short days of December and January. Of course, this can be considerably increased by day as the season advances and abundance of ventilation given.

As I read Mr. Hartshorne's notes of 54 to 65 degrees, I understood him to mean the former for night and the latter for day temperature. Others have read it only as night temperature. While it would, owing to the vigorous constitution of the Lawson, be quite possible

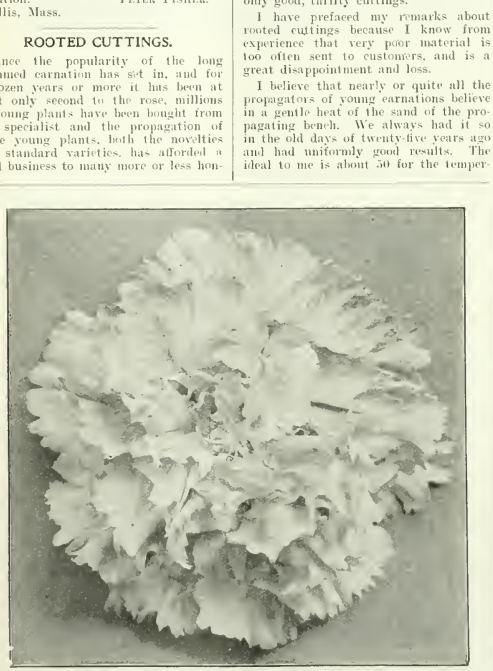
to grow it by night in this high temperature and get good results, it would have a tendency to impair its constitution. Better go more carefully during the dark days, and with the advent of brighter and longer days raise the temperature by degrees to suit the needs of the variety.

The Lawson is a rapid and vigorous grower, and I find needs and will amply repay any extra care given in the way of a stimulant early in the season. Plants housed Aug. 10 we top dressed in November, which is now filled with feeding roots. A light application of pulverized sheep manure every two or three weeks seems to meet their wants admirably and an occasional application of lime will keep the soil sweet and add to the quality of stem and general constitution. Peter Fisher.

Ellis, Mass.

ROOTED CUTTINGS.

Since the popularity of the long stemmed carnation has set in, and for a dozen years or more it has been at least only second to the rose, millions of young plants have been bought from the specialist and the propagation of these young plants, both the novelties and standard varieties, has afforded a good business to many more or less hon-



A bloom of "Prosperity," life size.

est firms and individuals. I take the liberty of saying "more or less" because some of the young stuff sent out in the shape of rooted or transplanted cuttings or plants is very often poor stuff. Every or any part of the plant that will possibly root is put into the sand and if it roots at all it is shipped off to some confiding correspondent at a good price per hundred.

It's a serious matter when you get rubbish of this kind, and if you have the pluck to throw them away you are the least out of pocket. But you don't usually do that; you put them in the field and fuss with them and lift them in August or September, and every time you pass them during the winter you swear voluminously if with confidential company, but if with dignified visitors you have to apologize every time with the same old story, "Yes, they are poor, I know. Mr. Thrifty sent me a lot of cuttings propagated from the old tough growths at the bottom of the plants and they, or course, don't amount to much, but I will be able to get plenty of stock from them"; and that's most all you do get from them. I don't by any means infer that all firms do this, for many of them can be depended on to send you only good, thrifty cuttings.

I have prefaced my remarks about rooted cuttings because I know from experience that very poor material is too often sent to customers, and is a great disappointment and loss.

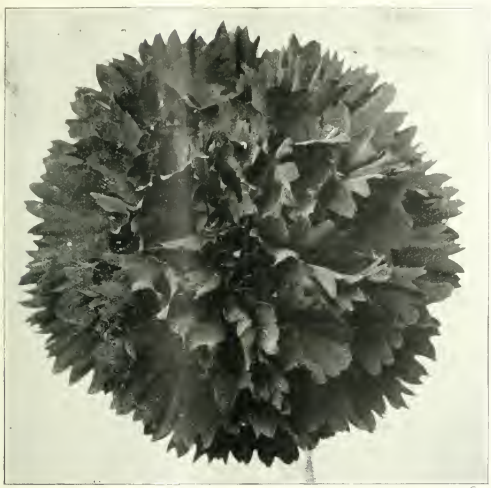
I believe that nearly or quite all the propagators of young carnations believe in a gentle heat of the sand of the propagating bench. We always had it so in the old days of twenty-five years ago and had uniformly good results. The ideal to me is about 50 for the temperature of the house and 60 to 65 for the sand. Of course the temperature of the house will raise above this in day time. In these conditions nearly all root freely in about twenty to twenty-five days, but are all the better left for another week or until there is a good bunch of roots formed. Varieties differ in their tendency to root. We find the two well-known varieties, "Daybreak" and "Scott," root very well in sand without any bottom heat. Then again we found the two great varieties, "Mrs. Bradt" and "Crane," will hardly root at all in cold sand. Without bottom heat it takes any variety thirty-five to forty days. If the process of rooting by the warm sand was the slightest injury to the future plant there would be some reason to condemn it, but it is not in the least.

Now you often see rooted cuttings advertised as being "transplanted," which means that they have been taken from the sand when rooted and planted into flats two or three inches apart and from there they are lifted and sold. I have unintentionally bought such plants and never found them nearly as satisfactory as well rooted plants from the sand. In taking plants from flats you are very liable to break off and lose many of the roots, and unless cut out with quite a lump of earth you are sure to lose most of the working roots. I am aware that if there are no orders for those in the sand and they have a good bunch of roots that something must be done with them, but I am inclined to think that orders are more often ahead of the supply, and whenever it is so there is no advantage but a disadvantage in having them undergo the process of transplanting.

What can be more satisfactory than lifting the rooted cuttings from the sand and giving them a slight shake, or if you prefer, dip the root in water and every particle of sand will drop off and leave every fibre entire? Perhaps this transplanted business is practiced because the propagator wants to take out a batch as quickly as possible to make room for another lot of cuttings and supposes that rooting will go on in the flats. It does if you give them plenty of time, but if not well rooted in the sand they are very slow to start in the soil, and this is the poor condition in which they are often sent. Remember that carnations should be decidedly rooted; that is, the roots should be from one-half to one inch long.

Now I have written the above with this view: that if you intend to buy any new or standard variety you should give your order at once and say: "When rooted please send me so and so," and there will be no excuse for receiving wilted rubbish that went through the form of going into the sand for two or three weeks and then into the flats or bench whether they had roots or not. We are pretty well agreed on what constitutes a good cutting. It is the shoots that grow from the side of the flowering stem, but those shoots should reach a proper size. Some plants are much more prolific in this kind of cuttings than others, and some plants of the same variety. A little latitude may be allowed to a man who has a most desirable variety and every one wants it. The young growths that send up a flower stem can be taken for a cutting, and we used to propagate old De Graw, Edwardsii and La Purite entirely from this sort of cutting, but they are inclined to make a strong, bushy plant, with slow inclination to flower, and this cutting takes longer and is much less certain to root than the side shoot of the flowering stem.

What I am going to say about selecting cuttings for your own stock is nothing new, but yet poorly observed with many. You want, we will say, to put in 2,000 Flora Hill or Crane. You start at the end of your bench and grab every



A bloom of Gov. Roosevelt, life size.

cutting that suits you without at all studying the growth or flowering qualities of the individual plant. Now like begets like, broadly speaking, and if there is a plant that has a perfectly healthy growth but has given scarcely any flowers and shows little for the future, why propagate from that when perhaps by its side or throughout the bench there are a lot of plants sending up numerous flowering stems, a plant that pleases you in every way, with equal health? I believe that many of us in this respect have been woefully careless and that by propagating from selected plants we could have a much better strain (if I may use the term) than we now have. I am sure careless selection of cuttings has been the cause of much dissatisfaction with a number of good varieties which we have become dissatisfied with and discarded for some newer and no better. It is absolutely necessary that some of the new varieties be acquired and grown, but not any more necessary, or even as much, as it is to grow what we have well at its very best.

The care and treatment of the rooted cuttings until the planting out time also has much to do with their future success and we all too often incline to give them indifferent care. One of the drawbacks to early rooted cuttings when kept in pots is that unless they are shifted in March or have been given ample room in flats or on the bench they get stunted and lose their roots. Cuttings that come from the sand by middle of February will do very well in 2½-inch pots till the planting out time. They do very well in flats, but each plant should have at least 2½ inches of space. In depth 2 inches will do. Where you have the convenience of a vacant bench with a few inches of soil the young plants can be planted on it three inches apart and with the greater uniformity of moisture will make larger plants than those in pots, and with a little care can be lifted and taken to the field with every promise of success. Yet on the whole I prefer having the young plants in 2½-inch pots, for then if planted and not watered they endure a dry spell much better than those from the flats or bench.

Young carnations, whatever they are in, want the fullest light, and when they have once taken root after removal from cutting bed they should be light and cool; 45 degrees at night is plenty for them. We consider that if possibly large enough all young carnations should have one "stopping" before they are planted out and only the very latest struck will not need it. Start the plant off right. You can "stop" it just in the right place and do it in half the time that you can in the field, and if planted in the field and the plants should be drawn up long and you suddenly decapitate them they stand still a long time. If you can put out by the first of May, or before, a sturdy little plant that has been once "stopped," with three or four side shoots, you are up to date on the road to success-ful carnation growing. In conclusion, ask for your carnation cuttings from the sand and see that they are well rooted or don't accept them.

WILLIAM SCOTT.

SYRINGING CARNATIONS.

We feel like entering a protest against the continual syringing of carnations, which is said to prevent or kill red spider. Twenty-five years ago when everything about the greenhouse was new to us we grew a few carnations in pots and following the general instructions we thoroughly syringed them, but the more we syringed them the more the red spider flourished; finally the leaves were curled and they looked so bad we set them away to die, or if they lived to plant in the open ground. The unexpected happened, and after a few weeks we noticed that the young shoots were growing out strong and healthy and entirely free from red spider. We then came to the conclusion that to prevent red spider on carnations it was best to keep the water off of the foliage, which made it soft, and let the leaves get tough and hard.

For twenty-five years we have given orders to our men not to syringe our carnations except when first planted, and with the exception of Daybreak we have never had red spider to speak of and we grow and bloom carnations from the time to go in the houses until we throw them out to plant again. With Daybreak we some years have had trouble from red spider; the growth is so rank and soft that the spider just revels on it. We find that a heavy syringing twice a week about four o'clock in the afternoon for two or three weeks entirely banished them. The fact that we have never been troubled with rust to amount to anything we credit to the dry treatment.

We have found the best nozzle for syringing is made of one-half inch pipe two and one-half feet long, a socket on one end to connect it with the hose, an elbow on the other end with a piece of perforated tin soldered over it for the spray. With this you can get up close under the leaves and with a good force wash every insect off.

J. L. DILLON.

AMERICAN CARNATION SOCIETY.

The program and schedule of premiums of the tenth annual meeting of the American Carnation Society, to be held at Baltimore, Md., Thursday and Friday, Feb. 21st and 22d next, has been issued.

The meetings will be held in Lehman's hall, Howard street, Baltimore, and the exhibition will be held in the same hall, the space being 71x53 feet. The hall will have electric light only.

The program includes a paper on "The Carnation in Health and Disease," by Prof. Albert F. Woods, of the U. S. Department of Agriculture, which will be illustrated by stereopticon views, and one on "Hybridizing the Carnation," by Peter Fisher, Ellis, Mass. And there will be discussions on "Stem Rot," "Sub-watering" and other subjects, in addition to the usual question box.

The exhibition promises to be an especially attractive feature, as usual. In addition to the usual certificates and special prizes for new varieties that show an advance on existing sorts there are general premiums in which cash prizes are offered by the society. In class A first prizes of $12 each and second prizes of $6 each are offered for vases of 100 blooms each of white, light pink, dark pink, scarlet, crimson, yellow variegated, white variegated and any other color. In class B prizes of $6 and $3 are offered for vases of 50 blooms each in the same classification of colors. Class C calls for 25 blooms each and is confined to introductions of 1900, the prizes being $3 for first and $1.50 for second in each case. Quite a number of silver cups and other special prizes are of-

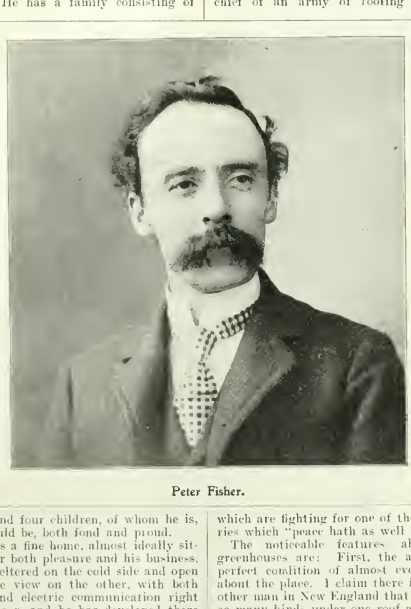
fered by various firms, and the Lawson medals will also be awarded.

It will no doubt be a great exhibition and a memorable meeting. And as Baltimore is famed for its hospitality there is no question but what the social side will be well looked after. Certainly pleasure and profit are admirably blended at these annual meetings.

Copies of the full program and premium list may be had by any one interested by addressing the secretary, Albert M. Herr, Lancaster, Pa.

A VISIT TO PETER FISHER.

Hearing of many pilgrimages being made to Mr. Peter Fisher's place, I took a run out to see if I could find out what attractions the place might have. In connection with this thought comes the fact that Mr. Fisher is seldom seen in Boston. I found out why the place has attractions both for himself as well as others. He has a family consisting of



Peter Fisher.

a wife and four children, of whom he is, and should be, both fond and proud.

He has a fine home, almost ideally situated for both pleasure and his business, being sheltered on the cold side and open to a fine view on the other, with both steam and electric communication right at the door, and he has developed there a well paying business that is peculiarly suitable to his tastes, which can and does occupy his whole time, his whole mental and physical power, and from which he has won the unique and enviable position of the most noted new carnation producer of New England. Visitors get their enjoyment in seeing a respected coworker so pleasantly placed and in viewing the successive stages of his work as well as the magnificent results.

He has not been noted as a grower, because his plant was not large enough, but he will be heard from later, as his strictly first-class additions will make him a formidable rival when worked for blossoms instead of cuttings, as at present. The expected shipping of three hundred thousand rooted cuttings makes this necessary.

It would take a book to describe his work and no one can write it but himself, or at least some one remarkably well versed in carnation lore. I must not even attempt it. Suffice it for me to say I never passed a more pleasant afternoon. He tries to conceal nothing about his work. What he does and why he does it is as open as the field for astronomical research on a clear midwinter night. Mr. W. H. Elliott, in the course of a fine paper read before the Gardeners' and Florists' Club three years ago said Mr. Fisher had "chased the Lawson pink so fast it could not get away!" He is still chasing others just as fast and I think you will find he has caught two or three about as good. But they will speak for themselves at the proper time. But he is commander-in-chief of an army of rooting cuttings which are fighting for one of those victories which "peace hath as well as war!"

The noticeable features about the greenhouses are: First, the absolutely perfect condition of almost every plant about the place. I claim there is not another man in New England that can have so many kinds under one roof and all of them so thoroughly illustrating the habit of its kind. Second, the absolute cleanliness of everything about the place. Third, the dozens of blossoms and seed pods which bear little tickets inscribed with facts concerning recent hybridization. His knowledge of these and his stern requirements of them are Mr. Fisher's strong points. He has thrown away many better varieties than others have tried to introduce and seemingly will not "let well enough alone."

Of course much attention centers around the new varieties he has "caught" and is working up a stock of them. Go and see them. J. S. Manter.

CARNATION REVERIES.

By Jas. Hartshorne.

On looking over the trade papers one finds a great difference in Christmas price reports from different sections of the country for the same varieties of carnations. Take, for instance, the New York reports, and then glance at Chicago's. Growers of the former city received $10.00 to $15.00 per 100 for Crane and its class, while for Lawsons and the other top notchers they were able to get as high as $25.00 per 100; and I have heard from reliable sources, of carnations wholesaling there at 50 cents apiece. There is no wonder that it sets the Chicago grower and retailer alike to thinking and looking for the cause, for highest price obtained in Chicago last Christmas for the cream of the cut was 8 cents each, and the great majority of it was only able to fetch 5 or 6 cents each, including good Lawsons and Cranes. How does it come about? I think any one who knows will agree with me that as good stock goes to the Chicago market as to any in the country.

During a brief chat I had a few days ago with a prominent eastern grower he dropped the remark that the eastern people *would* have the large blooms and were willing to pay for them. That is not the case in Chicago, excepting as to the fore part of it. Our people want the finest to be had, but when it comes to paying the additional price you see them squirm.

In our conversation I gleaned this much from him, that the retailers in New York and Philadelphia made it a point to arrange their blooms in such a way that the customer's attention would at once be attracted by the difference in the quality. For instance, a fine vase of Lawsons would be placed in the midst of a group of common carnations, sometimes with a placard attached stating that it was the genuine Lawson, etc. I think the scheme a good one, although it is not new, but it might be applied to other fine stock the same way, with or without the placard. The customer steps inside, inquires the price, pushes his nose into them, buys too or three dozen of the commoner ones, but cannot resist the temptation to at least get half a dozen to show his friends how much he knows about the difference in pinks, or maybe to take as a present to some particular acquaintance.

How many Chicago retail florists make a display of cut flowers in their windows? Very few. It is not the fashion here. People know they have got them inside. But that isn't the point. If your wife goes shopping she comes home loaded with merchandise that she never had thought of until she had seen it where the merchant had placed it for that very purpose. I am not a retailer and perhaps do not know enough about their affairs to be giving pointers, but this much I do know, that to ask and insist on getting more than three times for their stock than they have paid the grower for same is wrong, especially so on that very top grade which is called extra fancy or specials. It has been done in Chicago to my personal knowledge.

I should think it would pay better in the long run to aim to make only what profit is absolutely necessary on the extra choice grade of blooms, thereby establishing a trade for that class of stock and nothing else, and at the same time

A bench of the new white carnation Bon Homme Richard at the establishment of the Chicago Carnation Co., Joliet, Ill.

giving some encouragement to the grower to produce that class of goods. If the supply of all the common varieties is shortened the retailer will soon drive the street fakir out of business. Very few of the retail florists are fully aware of the fact that there is as much difference between carnations as there is between common tea roses and long stemmed Beauties, but such is the case. If he could see the seedling benches in the various hybridizers' establishments it would be well for him and the carnation man.

There are hundreds of fine carnations discarded by the hybridizer every year, some of which would cause a most agreeable surprise to flower buyers and carnation lovers in general could they only be marketed at a little profit. But this is the way the grower sizes up the situation, as he strokes back the petals of his pet: This is a grand thing, but the trouble is it will only produce about ten blooms to a plant during the season, and figuring on a basis of 8 cents per bloom at Christmas will only average about 5 cents each for the entire season. He turns around to the more inferior varieties and goes musing on: This is giving me twenty-five blooms to a plant at an average of 3 cents each and takes up no more bench space. He takes his label out of his pocket and marks his pet for the rubbish heap, thus turning more money into the fakir's pocket and less for himself and the retailer. Had that variety been introduced and the blooms marketed at an average of 8 cents each there would not be enough flowers produced to cause a glut in the market at any time, providing we can accustom ourselves to produce this class of carnations in all colors. They are in existence, if you are willing to pay the price for them. It is all up to the retailer himself to rid himself of the fakir by introducing these extra fancy shy bloomers to the public. Of course, he cannot handle very many of them at first, but I am sure if he sent to the hybridizer's establishment for a few dozen of these on his best days in the week and leave it to the grower's discretion what to send he would find it a profitable venture for his business and a good starter for elevating our business to the level where it belongs among the arts and sciences.

The growers have certainly done their part and are still going on with the good work of growing varieties of carnations that do not bloom freely enough to make them as profitable as they should be. Take for instance the money expended every year for new varieties; to satisfy the whims of the retailer who has seen such and such a carnation at the exhibition, you should get some of it, and the loss of hundreds of plants each year, costing $10.00 per 100, occurring from stem rot and other diseases. It strikes me very forcibly that this is the only feasible plan to follow for the retailer to rid himself of the crepe chaser and that other most tantalizing competitor, the street fakir.

CARNATIONS IN NEW ENGLAND.

Being interested as ever in the carnation as grown by different growers, and having a little more leisure than usual, we took a trip with several friends to the noted establishments of Messrs. Patten & Co. and A. Roper, in Tewksbury, Mass. At Mr. Roper's we were surprised at the quantity and quality of seedlings grown, three or four of them promising to become first class commercial varieties, most prominent of all being a very handsome one of light salmon color, and a very large flower. We understand that several good offers have been made to Mr. Roper for the stock of that variety.

Our next visit was to the well appointed plant of Mr. Patten, a truly commercial place, where none but reliable varieties are grown in the best manner and their best points developed. His Marquis, Crane and White Cloud especially were the best we have seen this season and all high grade flowers. Mr. Patten grows carnations only and does it well. He has been very lucky in getting good stock of the Marquis sent to him as we saw but few plants that were propagated from bottom shoots, as we and many others have had, and which will bloom late.

A few days later, in good company also, we visited Mr. Peter Fisher at the home of the peerless Lawson, which never looked better. A more even, healthy lot of carnations we never saw, and if the croakers, especially in our market, who never wanted to see any merit in the Lawson, will but open their eyes they can easily be convinced now. Three years ago we pronounced the Lawson the best commercial carnation to date, and now, as we grow it we are more positive about it. Of course, some allowance must be made for changes of soils and locations. There is, however, since its appearance in our markets, quite a reversion of opinion to its value and consequently quite a scramble for the plants also.

A very important part of Mr. Fisher's growing are his seedlings, and we may just as well admit that they are the most remarkable lot we ever saw (and we have seen many). We have always been rather skeptical about so much improvement in carnations, as we have been caught so often, but in these seedlings, we have been surprised; such a wealth of colors, forms and sizes. Mr. Fisher is if anything, most critical in his selection of seedlings, in a commercial point of view, and the least blemish in an otherwise splendid variety will cause it to be cast off unmercifully. (Raisers of new seedling carnations please take notice.)

Our visit to Mr. Fisher's place was, as it always is, a perfect treat, and no florist who has a pretension to that name ought to neglect to see where some of our best carnations are raised.

DENYS ZIRNGIEBEL.

Needham, Mass.

TYING CARNATIONS.

One more word about my method of tying up carnations. I said in my last communication that having your string on a spool enables you to work the

One of Mr. A. Roper's Seedling Carnations.

quickest. I fasten the string to the support closest to me and by taking the spool between the thumb and first finger (letting it roll just as on an axle), wind around second support, and so on until I am back again where I started. On a narrow bench I reach clear across

(using only two wires the long way), and on a 6 or 7 foot bench I reach only to the center wire.

The advantage I claim is that one man can do the work quickly and easily, and that there are no wires or strings running through the bench the long way close to the ground, which gives you plenty of room to reach your center rows when putting on a top dressing or working the soil. Of course every one thinks his way the best, so let's wait and see what 1901 will bring.

A. N. Sherg.

Lansing, Mich.

CARNATIONS IN THE 20th CENTURY.

The carnation enters the new century with colors flying. Step by step, back in the seventies and eighties, it began to rise from comparative obscurity, until during the last ten years it came with a rush, with leaps and bounds, and stands now, with the searchlight of the twentieth century turned full upon it, a fair and beautiful rival of the rose. The latter out a year and a half or so later, comprises a story so often told that it must grow monotonous to some; but it is a fact that we must proceed along the beaten path and be wary of radical departure from established methods. Thus we will continue to select the best cuttings, root them in the most ideal way, give them good quarters at all times, whether in the house or field, leave no stone unturned to effect improvements wherever possible.

We have never yet reached a stage where further improvement was impossible. We can for many years continue to have our soil nearer perfection, to ascertain which ingredients are best for a complete plant food, and the best possible condition to have them in. We can still continue to ascertain the right time to open our ventilators, and the exact time they should be closed. We can still build better houses than some of the glass palaces we even now see. Our systems of heating and ventilation can yet be improved.

But with all this continual striving for greater improvement, we must be prepared to encounter an occasional setback. Each particular year is not always a decided advance; in the matter of experience it undoubtedly is, but there are many unforeseen possibilities which can and often do temporarily check our advance; for instance, an unfavorable season for plants in the field, errors of judgment in various matters; these we all must experience, for we are all at school; there are no graduates, and certainly none so well versed that mistakes are an impossibility.

Experiments with sub-watering and indoor culture are yet in their infancy. Just how much they will contribute to the greater excellence of the carnation, or the profits of growing, if at all, is yet to be determined. So far, we must confess that our experiments with sub-watering are not all that could be desired; as yet we see no practical difference between it and the raised bench system; certainly not enough to warrant the extra expense of putting in the system. We shall continue our experiments, however, in the hope of evolving something of real practical benefit to the grower.

Indoor culture is undoubtedly making greater progress than sub-watering. Here and there are to be found very excellent examples of the possibilities of this departure from old time methods. The consensus of opinion is that fewer blooms are produced, but they are of better quality, and since the latter is what we are striving for, more good reports may be expected from this system right along. We were so placed as to be unable to continue our experiments in this direction this season, but will do so next season, and hope for greater success than we have hitherto had.

To the hybridist are we indebted for the magnificent creations we have today. The conscientious hybridist is deserving of the good wishes and esteem of every lover of carnations. He is, however, often held up to criticism, not to say scorn, for disseminating varieties which do not come up to expectations. Quite frequently the variety in question may prove worthless commercially, and yet if some of these same kickers who very often have excellent reasons for complaint were to exchange places with the hybridist, I am inclined to think that they would outdo him in holding too closely to the opinion accredited to every old crow, viz., that each think their own young crows the blackest, and in this way bring upon himself or themselves more criticism and trouble than they ever dreamed of.

It takes a thoroughly impartial mind to see all of the weak points of a pet seedling, and to compare it properly with other varieties, and do justice to all; but as none are perfect dissatisfaction must exist. The mass of wreckage and debris we have gone through in order to get the comparatively few very good paying varieties we have today is almost appalling, but continual improvement and the law of "the survival of the fittest" will certainly continue this process indefinitely, and we may never hope, at least for a long time to come, to reach a stage when we will no longer be compelled to invest in stock of new varieties which are heralded as improvements over existing ones. Let every grower who wants to, raise seedlings, but let him be mindful of the fact that his brothers in the trade expect, and rightfully so, to get a good thing when they pay a good price for it.

The seedling man's pathway is not strewn with flowers in the sense usually accepted by this term, but is literally strewn with defective varieties, as he proceeds on his way culling out year after year. Often several years' work is brought to naught by a variety going to the bad when all indications pointed to a promising future. Verily the hybridist earns what little he makes on a new variety. Were it not for the intense interest he takes in his work many would abandon it, finding the details entirely too intricate and time-devouring to keep it up.

The seedling of the future must embrace all of the good qualities of the various sections of the Dianthus family. The blooms must be large, the color must be good, the habit and growth of the plant sturdy, vigorous and ideal; and the production of blooms must be early, free and continuous. Here is abundant room for the hybridist to continue his work. The process of assimilat-

View in the packing room of the Chicago Carnation Co., Joliet, Ill.

must always be given first honors. It is a point we carnationists will concede. But to a greater or lesser extent, those honors will henceforth have to be shared with the "divine flower."

The carnation will no longer stand back and quietly await its turn to be disposed of after the roses have been cleared away; but, instead, the once modest little pink is as saucy as any rose, and will do quite as much elbowing, good blooms bringing anywhere from $6 to $20 per 100, and even more.

The carnation enters the new century with an enviable record, and the most alluring prospects for greater improvement. The same forces which contributed to the present advancement will continue to be the beacon light of the twentieth century. Of these, improved methods of culture and hybridization or crossing are co-equal for honors, and to these two forces we must look for the greater improvement in the future.

From the time the cutting is separated from the old plant until it is thrown

Greenhouses of the Chicago Carnation Co., Joliet, Ill.

ing all of these features into one plant or variety has been going steadily on with every prospect of ultimate success.

Baltimore will be the Mecca for all carnations in February, where a nearer approach to this standard may be seen; then let us all turn out to see Dianthus in all her glory. "Maryland, My Maryland" extends a most cordial welcome.

WM. WEBER.

CARNATION NOTES.

Temperature.

During the past week we have been enjoying just the weather we needed to bring the carnations up to their proper condition. The nights were cold, requiring steady firing, and the days were bright, and warm enough to permit some ventilating every day; some days as much as ten inches. It is not often that we have such fine weather for so long at this time of the year, and if you are wise you will make the most of it whenever it does happen along.

Do not allow the temperature on such days to run up too high; raise the ventilators, keep it down between 65 and 70 degrees, and avoid cold drafts directly on the plants. If you allow it to run up to 75 or 80 degrees your plants will make a quick, soft growth, and that is just what you want to avoid. Do not allow the temperature to rise to the mid-day mark before you begin raising the ventilators, but begin as soon as the temperature has risen a few degrees above the night temperature, say about 58 degrees, and raise an inch or two at a time, according to the strength of the sun; and in the afternoon lower them the same way. Do not close them down tight while the sun is still strong, and likely to run the temperature up, in order to save some of the heat and a little coal, but if the day is cold have the steam ready to turn into the houses soon after you close them up and before the temperature drops quite down to the night temperature. This may seem to you like a lot of bother for a house or two of carnations, and you may have had pretty fair carnations without being so careful, but it is the attention and judgment exercised in these small details that produce the high grade stock. You may have good soil and good houses, but if you are careless about these small things you need not expect your stock to grade among the fancies. At this time of the year keeping the proper temperature is one of the most important factors in producing good blooms.

Watering.

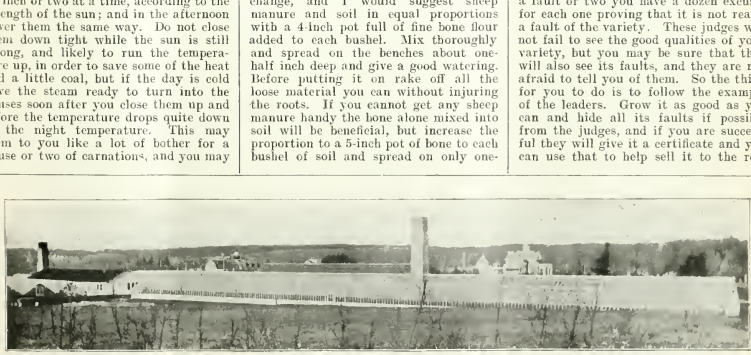
With this steady firing you will need to be very careful in watering. There will be spots near the steam pipes that will need watering every day, while some of the benches will not need a drop for several days at a time. Carefully examine occasionally those benches that have steam pipes running along under and close up to them. They will likely dry out at the bottom before they do at the surface, and if allowed to remain in such a condition long it will have a bad effect on your plants. Take a trowel and dig to the bottom here and there and keep yourself posted all the time as to the condition of the soil. A good, careful grower will always know the exact state of moisture of nearly every square foot of soil on his benches.

Top Dressing.

If your plants are in good healthy condition they will now be benefited by another light top-dressing. If the last dressing was cow or stable manure it would be a good idea to give them a change, and I would suggest sheep manure and soil in equal proportions with a 4-inch pot full of fine bone flour added to each bushel. Mix thoroughly and spread on the benches about one-half inch deep and give a good watering. Before putting it on rake off all the loose material you can without injuring the roots. If you cannot get any sheep manure handy the bone alone mixed into soil will be beneficial, but increase the proportion to a 5-inch pot of bone to each bushel of soil and spread on only one-quarter inch thick. Allow this last mixture to lay several days before applying. Hog manure is good if you can get it, and use in about same proportion as sheep manure. Chicken manure is fine, too, but it is very strong and should be mixed about one part manure to three parts of soil.

Carnation Society's Annual Meeting.

Just six weeks from the tenth of this month the American Carnation Society meets at Baltimore, and every carnation grower who can possibly get away from his business for a few days will want to go. That there will be a fine show goes without the saying, and there will be a lot of new varieties clamoring for the society's certificates of merit and perhaps some of the other premiums offered. It certainly pays to attend these meetings if you can possibly get away, because here you can see both the new and old varieties in their best form and you can get a line on the true merits of the new ones in regard to size, color and stem, and, in fact, the only way you can judge the value of a new variety is by comparing it with the older ones. If you possess a seedling or two which you fondly imagine is "the finest thing that ever happened" you can find out whether you are right or not by sending it up against the criticism of these foremost carnation men in the country. Don't be afraid that your pet will not get a fair show or that the judges will be unable to see its good points. When you look at it you can see only its good qualities, and if you do see a fault or two you have a dozen excuses for each one proving that it is not really a fault of the variety. These judges will not fail to see the good qualities of your variety, but you may be sure that they will also see its faults, and they are not afraid to tell you of them. So the thing for you to do is to follow the example of the leaders. Grow it as good as you can and hide all its faults if possible from the judges, and if you are successful they will give it a certificate and you can use that to help sell it to the rest



Iron frame carnation house 30x300, erected by the Lord & Burnham Co. for the Chicago Carnation Co., Joliet, Ill., last summer.

of us. You need not tell us its faults; we can discover those for ourselves afterwards, and swear at you to our heart's content. But woe unto you if you ever try to introdnce another one.

I see in The Review that Messrs. Hill and Craig have bought R. Witterstaetter's scarlet Adonis and paid over $5,000 for it. Whether they really paid that sum or not makes little difference; for me the fact that these two gentlemen have bought it is proof enough that it is a grand variety. There are perhaps no two better judges in the country, and you may be sure that they would not buy a second-rate variety.

Cuttings.

It is time now for you to be getting in your main batch of cuttings in order to have fine plants to plant out in April. You can have fair success with later cuttings, but we have always found that the early ones paid us better, if taken proper care of after they were rooted. If you want to plant out of 2-inch pots you better wait until February. There is nothing more important than the selection of your cuttings, and you should exercise great care in doing this. There is a great difference in opinion among the growers as to what is really the best cutting. I know some growers who would have nothing else but the side shoots from the base of the flower stems, while some of the best growers I know of use only the young shoots at the bottom of the plants before they show any sign of throwing buds. This proves that either kind will make fine stock if properly selected and handled afterward. If I have only a few plants of a fine variety and wish to make all I can I use both kinds of cuttings; but if I have plenty of stock to select from I use the side shoots from the base of the flower stems, providing they are strong. One of the reasons for doing this is that you are sure to take your cuttings from plants that are blooming well, while if you take the other kind you may take some of them from plants that are inclined to make grass instead of bloom, and if this were repeated several seasons you would materially decrease the average number of blooms you cut from each plant. Another reason, and a good one, with those who grow for cut blooms, is that each strong young shoot taken at this time means one bloom less between now and Easter while they bring fair prices. Those from the flower stems would not bloom until later, when carnations are plentiful, and you would not miss them. These cuttings are also usually more solid and not nearly so apt to damp off in the sand. However, I do not hesitate to take either one if it is necessary.

Do not take cuttings from plants that are diseased or weakened in any way. The young plants may seem to outgrow the disease, but bacteria and stem-rot and all such diseases will nearly always reappear the next winter. Try to avoid cuttings from plants that produce off-colored blooms. Do not take cuttings from a plant that is suffering from drought, because it will be hard to keep them fresh and crisp after they are put into the sand. Our greatest care from the time the cuttings are put in until they begin to root is to keep them from wilting without keeping them sprayed all the time, which is apt to cause damping off. For that same reason, I like to take off the cuttings in the morning, before the sun is strong, or on a cloudy day. Try to get the cuttings of each variety of a uniform size, then there will be no extra large ones to crowd the smaller ones, and your plants in the fall will average much better. I do not care for an extra large cutting, but would much rather have a well matured, medinm sized cutting, at least up to February 1. Later in the season you will need large cuttings if you expect them to compare with those struck earlier. We cut the bottom smooth and clip the ends of the grass, and we have never heard a good reason why it should not be done. We think clipping helps to keep them from wilting.

New carnation Dorothy.

The 1900 Varieties.

Of the 1900 novelties we are, of course, unable to judge as well as we can the older varieties; but from our own experience and that of other growers we size them up about as follows: As a commercial sort we consider Ethel Crocker the best of the lot. It has good size, color and stem. It is a strong grower and a free bloomer. With us it is a race between this and Mrs. F. Joost for planting in quantity. This variety does not seem to like much feeding, but seems to like about the same treatment as Flora Hill.

Genevieve Lord is lighter in color and smaller in size than Crocker, but it is a strong grower and a free bloomer.

The Marquis makes a fine bloom on a fine stem and the color is better than either Crocker or G. Lord. If this variety can be brought into full crop by Dec. 1 or 15 it would be a money-maker for sure. With ordinary culture it is too late.

Mrs. T. W. Lawson has only one fault and that is a short stem, but we think that with indoor culture it will make longer stems and if started early it will come into bloom in good time.

Our Bertram Lippincott nearly all turned out to be Daybreak, but the few that are true have a very pretty color. This is a sport from Daybreak.

Morning Glory is giving satisfaction on most places and a very pretty thing it is.

Olympia has made only fair blooms with us until lately, but now it is making fine blooms on long, strong, wiry stems. We like the color much better than Mrs. Bradt, but it will have to round into form earlier in order to displace that variety. Those who saw it at Mr. May's place last year say it can be done.

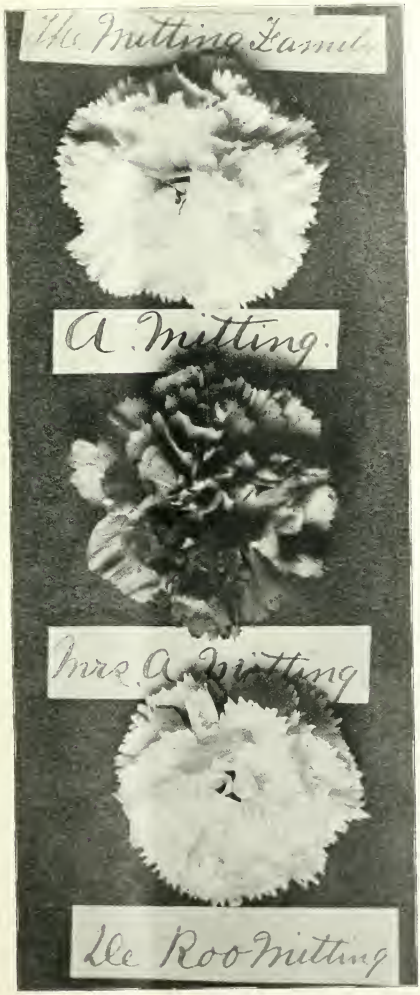
Peru is making grand pure white blooms on long, strong stems, but up to Dec. 15 the blooms would not open out well. This will also make a good one if it gets into form a month earlier.

If you fail to have success with a new variety, don't be too quick in pitching it out, but rather try to discover its real wants and treat accordingly. All these varieties are profitable if grown properly.

A. F. J. Baur.

CARNATION DOROTHY.

This new pink carnation is a seedling raised by E. T. Grave, Richmond, Ind. The color is similar to that of Scott, the flowers large and symmetrical and built out nicely in the center, and very fragrant. The stems average 2½ to 3 feet. It is said to be of very easy culture, wonderfully prolific and has never been affected with disease of any sort. Experts who have seen it growing pronounce it a decided acquisition.



Three New Carnations.

THREE NEW CARNATIONS.

We present herewith an engraving from a photograph of three new carnations that are being sent out this season by the Morris Floral Co., Morris, Ill. They have been tested three years but no blooms have yet been exhibited. Mr. Mitting says he prefers to have his customers test them for themselves, merely pledging the honor of the Morris Floral Co., that they are exactly as represented. Following are his descriptions:

A. Mitting is a clear, light cream with no markings. A seedling of F. Dorner & Sons Co. It has the habit of Mary Wood, one of its parents. Bloom 3½ inches, good stem and calyx. Free bloomer.

Mrs. A. Mitting is a clear pink of a very pretty shade. A seedling from G. H. Crane. Same habit as Crane. Bloom 3¼ inches. Free.

De Roo Mitting is a snow white. The best habit of all the carnations we grow. A continuous bloomer. Flower 2¾ inches, on long, stout stems. Far ahead of any other white we ever grew.

NEW CARNATIONS.

Registered with the American Carnation Society.

By Anders Rasmussen, New Albany, Ind.: "Hoosier Maid." Color pure white, medium to large size, two and one-half to three inches in diameter, very strong grower, with long heavy stem, strong calyx and has never shown disease of any kind. Daybreak type.

By William Hoffman, Pawtucket, R. I.: "The Challenger." Color clear bright scarlet, three to three and one-half inches in diameter, on strong, stiff stems and very prolific. Plant compact, rugged grower, producing cuttings freely, which root easily. "Twentieth Century." Color bright light pink, unlike any other pink carnation, three and one-half to four inches in diameter, stiff stems and very free blooming; flower very full and deeply fringed.

ALBERT M. HERR Secretary.

Lancaster, Pa.

MOISTURE IN CARNATION HOUSES.

We hear a great deal about temperature and ventilation, but the important question of the amount of moisture that should be maintained in a carnation house is rarely referred to with any definiteness, though all recognize its great importance. All good growers have through years of experience and observation become able to tell at once on entering a house whether temperature and moisture are right. I have known men who could tell the temperature so closely that it would not be worth while to verify it by looking at the thermometer. But all do not have this quality of "feeling" developed to this high degree. Otherwise we would have no use for thermometers. To tell whether the air of a house carries the right degree of moisture is more difficult than to make a close guess at the temperature. And then decisions regarding the proper degrees of moisture often have to be left to employes. For these reasons the hygrometer or moisture gauge is an invaluable instrument, and we have found it quite as important as the thermometer.

The hygrometer registers the amount of moisture in the air just as accurately as the thermometer does the temperature. I have noticed a distinct improvement in our stock since we began to use them and begin to believe that in the past we have overlooked an instrument that should have been of the very greatest value to us. When we feel that the amount of moisture in the air is right we note the degree indicated by the hygrometer and then instruct employes that the moisture must be so regulated that the instrument will vary but little from that degree.

I am inclined to think that with the

help of this instrument in securing regularity and exactitude as to moisture in the air we can almost entirely do away with the conditions that result in red spider and fungous diseases of the carnation. The matter is certainly one that is worthy of careful study.

A. Mitting.

OUR TITLE PAGE.

On our title page appears an engraving from a photograph of the youngest son of Mr. Peter Fisher, Ellis, Mass., holding in his hand a bunch of Mrs. Thos. W. Lawson carnations. It is certainly a very attractive picture and suggests that while we hold fast to the best that we now have in carnations, we must still look forward to greater progress. What will the twentieth century bring forth? What will the best in carnations be like when that boy has reached his father's age? If he has inherited his father's talent as a hybridizer he may be an important factor in the development of the carnation during the century that has just dawned.

TWO SCARLET CARNATIONS.

We present herewith an engraving from a photograph of Adonis, the scarlet carnation originated by Mr. R. Witterstaetter, Cincinnati, Ohio, and the stock of which he recently sold for a consideration said to exceed $5,000.

New Scarlet Carnation Adonis.

We also publish an engraving of Estelle, a scarlet introduced by Mr. Witterstaetter last year, and which a Chicago grower says is with him by all odds the best scarlet he has ever had on the place. He adds that if Adonis beats Estelle it must be a wonder.

If there is anything more you want to know about the carnation tell us what it is and we will get the information for you if obtainable.

A SUCCESSION OF PLANTS TO KEEP GREENHOUSE BENCHES FULL.

By John Reardon.

[Read before the Chicago Florists' Club, Jan. 4.]

The gentleman that introduced this subject must have had in mind the days of thirty years ago, when it meant something to have a succession of plants to keep greenhouse benches full.

The practice of late years has been to plant permanently. I am glad to see some of the good old plants coming to the front again. In a paper of this kind it is impossible to name all the plants that are required by a florist to round out his year's work. Our trade papers cover the ground accurately and fully.

The up-to-date gardener must anticipate six months ahead what he will keep his benches full with and whether he will raise his plants from seed or cuttings. The first of October ought to find all available space occupied. The chrysanthemum house will be the first empty and what a wreck you quickly make here. I pity the florist that has not made provisions to fill this house. It may be that the florist who has the material to fill the empty benches is not always the one in most need of the money. This may sound funny but it's true. (Gentlemen, kindly pardon me if I don't hew closely to the lines of my subject.)

There is a difference of two months or more between the early and late chrysanthemums; it requires some knowledge of your varieties to plant the house right. On the south bench plant the early varieties and if possible commence cutting at the vast end of the other benches. By so doing you never have much of the benches empty at any time and your chrysanthemums don't throw any shade on the plants you fill up with. For a succession of plants I would suggest primroses, cinerarias, Roman hyacinths, paper white narcissus, azaleas of early varieties, stevia, heath, and if possible, bouvardia, cyclamen, begonias, and poinsettias. Wholesale growers fill up with Liliums longiflorum and Harrisii for their winter and especially for their Easter trade.

As you dispose of your stock have something always to take its place. Christmas trade has left us with some empty space. Bring in tulips and Dutch hyacinths and Von Sion narcissus. Keep a sharp lookout now for what you want for spring bedding plants. The propagating bench must be kept busy. Keep up the succession with lilies, azaleas, Aztilbe japonica, calceolarias, acacias, heaths, rhododendrons, genistas, hyacinths, tulips, hydrangeas, hybrid perpetual and Crimson Rambler roses and fuchsias. These are the plants you want for Easter trade.

The 1st of March is a very busy time for the gardener, sowing seed, propagating and repotting. Keep the greenhouse benches full with geraniums, cannas and the thousand other plants that go to make up a florist's stock for his spring and summer trade. Don't forget you may want to plant the chrysanthemum house again; have plenty of stock. Keep the houses looking as well as possible through the summer. This can be done with gloxinias, gesneras, achimines, Meyenia erecta, Rex begonias, and fancy caladiums.

I said I was glad to see the plant trade reviving again. When I see the heather brought down from the mountain after a sleep of twenty years can you wonder that the younger gardeners do not know how to treat Old Rip. I do believe there is a good business awaiting the man that will go into this feature of the plant trade near Chicago. What grower around here has made as much money at Christmas time as the Chicago retail florists sent east for their plant trade?

It may not be out of place for me to mention a few good old plants coming to the front again. Mahernia odorata, Euphorbia jacquiniaeflora, chorizema, Poinsettia pulcherrima. The epaeris and ericas, known as heath, are grand plants and are as easy to propagate as carnations and can be had in bloom from Christmas to Easter. Bouvardias, jasmines and camellias. The azalea always held its own but how maltreated it is in most florists' hands to-day. I have often thought and wished that the source of supply of this plant was cut off for a few years in order that florists would appreciate and take better care of this, the grandest of all our spring flowering plants.

In conclusion I may say if you don't grow chrysanthemums, grow the list of plants I herewith present to you, grow plenty of them and you will always have plenty of stock to keep your greenhouse benches full.

QUEEN LOUISE.

Mr. J. L. Dillon, Bloomsburg, Pa., has issued a 12-page pamphlet descriptive of his new white carnation, Queen Louise, and it is illustrated by twenty engravings from photographs of a bench of this variety taken every two weeks during the months of February, March, April, May, June, October, November and December.

The Idea is certainly a good one, as it is pretty nearly as useful in forming an

New Scarlet Carnation Estelle.

opinion of the variety as would be frequent visits to his establishment during the season. We extend our congratulations to Mr. Dillon on his new departure.

It's a good thing.

ROSE NOTES.

Roses in Solid Beds.

The opinion is general among growers that roses will do the best and are most profitable on raised benches, yet it is a very expensive method when we consider the cost of refilling and replanting the benches each year, especially on a large place, and the money invested in benches and keeping them in repair. There is the work and expense connected with the growing of the young stock and the valuable room the plants occupy till planting time. Even then we have to wait another two or three months before we begin to receive any reward for our trouble and patience. Of course, all this is a necessity in our business and if we are successful in growing and selling there is still a profit.

Some growers have, however, tried to do away with the above named expense and have adopted the old solid bed. As the result of persistent effort and close study they claim to have adapted their culture to the requirements of the solid bed, that they get just as many flowers from it as from the raised bench, and the flowers of better average quality. They would not think of returning to the "old" raised bench method.

The beds are filled to a depth of 18 to 24 inches with good rich soil, such as we use on our benches. No drainage whatever is placed underneath. The boards along the sides would be 1½ or 2 inches thick and of good quality, held together by wires or small pipes across the beds, run through the side boards and fastened on the outside. This makes a substantial solid bed.

For planting, grafted roses are much preferred. They are planted from 20 to 24 inches in the row and 15 to 18 inches between rows. A basin is left around each plant for water and the amount of water is gradually increased as the plants grow. It is surprising the size the plants will have in two or three months. The watering will have to be watched very closely, always allowing the soil to get well on the dry side before watering again. Use a trowel to examine the soil, water well, and try to do it on a sunny day.

By careful pinching of the buds the cut can be so regulated that there will never be either an off crop or a full crop. One of the main requirements is to always keep the plants in a growing condition. This can be done with plants in solid beds as well as with those on benches. In May and June when the roses from plants on benches are getting pretty small, the solid bed still gives us good long stemmed flowers.

When the blooms are so plentiful that they cannot all be disposed of, then it is best to leave the wood on the plant and pinch out the bud. In this way the plants gain new strength and vigor. In July and August they are given a short rest to ripen the growth, after which some of the surplus wood is cut out, the bed given a good mulching, the roses tied down and the bed given a heavy watering. They will start about the same as dormant roses, but will come much faster. The first crop coming rather early in the season when flowers are not yet in much demand the blooms are not all allowed to develop, about half of the buds being pinched off. In this way the plants are kept in a growing condition and the cut of flowers is more evenly distributed.

The culture is the same as during the first year. As the plants get stronger the mulching is renewed oftener and the beds are given a little liquid manure in connection with the general watering. How long roses may, under good treatment, be left in this solid bed before renewing I am unable to say. I have seen beds that had been planted for six years and they were in splendid condition. Many growers may have objection to this way of growing, yet there are places where 50,000 to 75,000 feet of glass are devoted to roses and nothing but solid beds used. And the quality of flowers they send to market during the whole year show that they are not behind the times.

Beauties are not so well adapted for solid beds as they will grow too much, though they bring very large flowers.

M. Stauch.

OBITUARY.

Fred S. Walz.

Friedrich Sylvian Walz, the well-known florist of Cincinnati, O., died Jan. 4th of paralysis. He had a slight stroke Dec. 29th and on the 31st came a second one that left him unconscious, in which condition he remained till his death.

Mr. Walz was well known as a successful hybridizer as well as a skilled florist. Among chrysanthemums that originated with him were The Queen, white; Harry Sunderbruch, yellow; Mrs. Potter Palmer, pink; Bettie Fleischman, pink, and many others. He also raised quite a number of new carnations.

Mr. Walz was born on the Isle of Bourbon, Indian Ocean, where his father was manager of a large coffee plantation, in 1851, and was therefore 49 years of age at the time of his death. When he was 12 years old he went to Switzerland and two years later emigrated to America and started in the florists' business in Cincinnati with his father. The business prospered and eventually came into the sole possession of the subject of this sketch, who has conducted it successfully for many years. The business will be continued by the oldest son, Fred A. Walz, who is now foreman at the Eden Park greenhouses, but who until about a year ago was with his father. There were five children in all, two boys and three girls.

Mr. Walz has a brother (Lee Walz) in Chicago, a sister, also in that city, and another sister (Mrs. Aug. Shenkel) in Denver. He was a member of the Cincinnati Florists' Society, of the A. O. U. W. and the I. O. O. F.

The funeral was very largely attended, the number being estimated at 2,000. The florists were largely represented, many coming from towns and cities at a distance. One of the lodges of which he was a member attended in a body accompanied by a brass band that rendered an impressive funeral march. The floral emblems were numerous and elaborate and the great number of people who paid their last respects to the deceased showed the general esteem and respect in which he was held.

Richmond, Ind.—The firm of Beach & Chessman has been dissolved. F. W. Beach retiring. The interest of the latter has been purchased by L. H. Schepman and the new firm name will be Chessman & Schepman. The new firm has assumed all the liabilities of the old. Mr. Beach, in a characteristic card in which he bespeaks for the new firm all the patronage accorded the old, says that after a thirty days' rest he will be open to any old thing from president of a railroad to cashier of a bank.

MISCELLANEOUS SEASONABLE HINTS.

Verbenas.

There are a few seeds that will soon want sowing. One of these is verbenas. Many are yet grown from cuttings, and time was when the seed saved and sold produced rubbish or at least they all came either a dirty white or a washed-out blue. But nowadays seed is sold by our reputable seed houses which will produce most pleasing varieties and as fine and distinct in color as the named kinds. I suppose there is scarcely a bed of verbenas planted in one variety of color anywhere now so the seedlings are just as good and as for harmony or blending of colors varieties of one species can be trusted to please the eye.

There is one great advantage in the plants raised from seed. They are sure to grow, and we all remember that too often the propagated plants did not grow. Sow thinly and after the seedlings are up keep in the full light, and after making a character leaf pot off into 2-inch pots or into a flat an inch apart and later into a 2-inch pot. If these young plants are kept growing in a temperature of 50 degrees at night you will be able to get one cutting from them. There is no place suits the verbenas after the middle of April so well as a mild hotbed. The only trouble is that they grow very freely and root through the pot into the plunging material, and when growing so freely flowering is retarded. So please to remember that during their time in the frame they want just lifting up sufficiently to break off any roots they have made into the soil of the bed.

Petunias.

The end of the month is time enough to sow petunias. Get the finest strain you can and buy only what is sold for double varieties. There will be 60 per cent come single. So many ask for double varieties that you never have enough, not that the double flowers make any finer bed, in fact I think the single flowers make the best display, but the double flowers look so much finer on the young plants and you get your orders for them.

Petunia seed is most minute but has lots of vitality. They want no covering, the seed pressed into the moist soil is enough. I have often said and believe that sowing the finer seeds and their care till they are large enough to handle requires the most skill and care of any of our garden operations. You can put most anybody to putting in cuttings after a few lessons, but you would hesitate very much to give anybody but the most careful and experienced hands the job of sowing the finer seeds. An hour of bright sunshine or allowing the soil to become dry may lose you all your labor and expense.

Centaureas.

We do not raise Centaurea candidissima any more, and you rarely see it anywhere, but we do yet grow C. gymnocarpa and when people ask us for "Dusty miller" that is generally what they mean. It is very easily raised from seed which should be sown at the end of this month. When once up and in pots it wants to be quite cool, for it is almost a hardy plant, and when grown cool and its roots slightly cramped for room it has a better color and the plants are more useful than those sown in a hotbed, where with rich soil they are likely to grow soft and wilt badly when put into a vase or flower bed.

Kentias.

Some kentia seed is arriving just now, and if you are receiving any remember that you should never open the package unless you are ready to put the seeds at once into the soil or material that you use for the purpose. To let them lay around the shed several days exposed to the air is fatal and doubtless many times the seedsman has been blamed for sending worthless palm seed when it was our own fault. You can sow quite thickly either in flats or 6 or 7-inch pots, or, as the large operators do, on the benches. Cover the seeds a quarter to half an inch and keep uniformly moist but not saturated. Some place the flats on the ground with the heat above the seeds, but we don't all have that convenience and if the flats are placed where they will get a little bottom heat so much the better.

Cannas.

It is a good plan about now to look over your canna roots and see that they are keeping all right. They are a most important item with all plant men nowadays and no risk of losing them should be run. If resting on the earth bottom of a house they will start to grow let the ground be apparently ever so dry, and here is where a move will much benefit them. If they are under a drip from a bench they will rot and must be moved away. Beneath a rose or carnation bench or boards just to keep them off the ground is a good place, for up till April 1st you don't water your benches heavy enough to cause much drip.

We don't usually start cannas till towards the end of March, but if you are short of any variety you might just as well be increasing them through the winter. If put on a bench and some soil placed around the clumps they will make a lot of growths every one of which can be taken off and put in the propagating bench or potted and given a good warm house till they make a start in the soil.

Gladiolus.

I don't know whether you ever found it pay to force gladiolus in your carnation houses, or perhaps rose houses. The latter is best, because the carnation house is rather cool; still in that they are in two months before you can get them from outside. They are rather slow to start and before they take up much room either with their top growths or roots the season is so advanced that they will do no harm.

I am sorry to say that we have had fine gladiolus flowers in the month of May from the carnation houses, and they did not sell here, but we saw them quoted at a good price in larger cities. They force easily and do not want to be buried in the soil of the benches, just pressed into the surface of the bed is sufficient. As they require no care beyond what the bed would ordinarily get, if they sell for a good price they must yield a profit.

William Scott.

PHILADELPHIA.

New Year's business in cut flowers was very brisk indeed. The retail stores were prepared and did an immense business under favorable conditions. Wholesale prices fell immediately after Christmas, except in a few isolated cases but retail prices were fairly well maintained until after New Year's. The result must have been very satisfactory to the retailers, the volume of business done on that day comparing favorably with Thanksgiving, with a much larger margin of profit.

The weather for the past two weeks has been extraordinarily fine, so fine that our florists can hardly pray for any better weather in the holidays to come. The day before Christmas was bright and warm, bringing quantities of buds into bloom just in time. Ever since we have had bright days and cold nights, keeping the stock in the pink of condition.

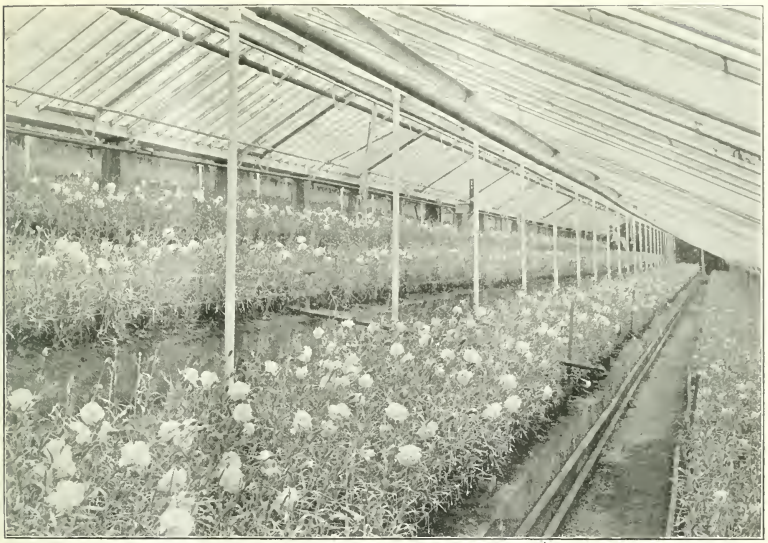
Judging by the trade reports Philadelphia has been more fortunate than either New York or Chicago in her cut flower market conditions. Here the stock was fresher and of as good or better quality than in the past; while in New York there was much poor, and in Chicago much pickled stock.

It is a joyful and rather surprising fact that there has been no lull in business either in the holidays or since New Year's. As the season is not a particularly long one, if we don't get dull pretty soon we won't get dull before Lent.

The midwinter ball season is well under way. Mr. Benedick's on Dec. 26th, Mr. Wood's on the 29th, Mr. Drexel's (a great affair) on Jan. 1st, and the Provost's on the 3d. This week we expect two more, Mrs. Wheeler's on the 8th and the First Assembly on the 11th. Now these balls don't matter much to most of us excepting that the more gayety the better. Of course there are some dinners preceding the dances and a few bouquets are sent, not many, flowers get crushed at a big ball.

Curiously enough, the balls themselves matter to just one florist, only one. All our retailers can decorate a parlor or a church, a few can do Houston Hall, the Natatorium or the Mercantile Club, but only one (Graham) can do the big affairs at Horticultural Hall or the Academy of Music. This may seem strange to the uninitiated, so a word of explanation may not be out of place. When a large ball is to be given the first object is to secure one person, a skilled decorator, who will take the entire contract, furnish all trees, plants, flowers, tapestries, greens, millinery, electric and other lights, everything.

This decorator is always expected to produce novel and striking effects and he generally has to put one or two extra conversation rooms in our own Horticultural Hall or put on a new ceiling or shorten the dancing floor. The result involves so much worry and requires



The Christmas crop of Queen Louise carnations at the establishment of J. L. Dillon, Bloomsburg, Pa.

such vast quantities of foreign material and outside skilled labor that it is little wonder our retailers do not care to compete with our great decorator.

For Graham this must be a very profitable field under existing conditions for our ball givers are certainly able to pay for what they want. PHIL.

BALTIMORE.

Various Items.

The Christmas season and trade were a success. The weather was superb, the air, clear, crisp and sparkling, just cool enough to give zest to shopping, and not too cold for the delivery of plants and flowers without danger of freezing. Both the storekeepers and the market people did well, and there has rarely been a season where stock was more completely exhausted or more general satisfaction expressed with the results secured.

A year ago popular taste seemed to incline to plants rather than cut flowers for presents and decorations. This year the pendulum swung back and cut flowers were most in favor. Of plants, the azalea had the call. Baskets of plants were not much in vogue, and the millinery displays of lace and ribbon were not so much in evidence as in former years.

The supply of flowers was about the average. Most varieties were abundant enough for all purposes. If there was any scarcity it was in Beauties and violets. The local production of the former was not sufficient for the requirements and retailers had to secure shipments from Philadelphia and New York, paying well for them, too! The retail price of violets, which ranged about $3, was prohibitive to many intending customers, and more than one would-be purchaser compromised on a $3 box of confectionery as making more show and giving more palpable sweetness than the flower.

No extraordinary efforts at window decoration were noticed, though all the stores were neatly and appropriately dressed. Holly was the predominating material. On Charles street John Cook's window was festooned in holly, with sprays of Asparagus Sprengeri in fruit, with pandanus and dracaenas, palms and ferns, orchids and primroses.

Next door, William J. Halliday's windows were brilliant, banked with fine poinsettias, graceful ferns and vines, the ever present holly, ericas, and many cypripediums. Mr. H. had a fine stock of Queen of Edgely.

Down the street, the lower store of S. Feast & Sons was adorned with great baskets of poinsettias, ferns, palms and many hanging vases with drooping sprays of Asparagus Sprengeri in abundant fruit. At their new store the handsome show window was full of seasonable plants and flowers, with festoons and wreathing of holly and a great vase of ericas.

Halliday Bros. on Charles street had one window filled with cypripediums and the other with notably fine dracaenas and pandanus, holly and white hyacinths being used as accessories. In their Baltimore street store the window was gracefully decorated with Boston ferns, Pandanus Veitchii, dracaenas of sorts, etc., etc.

James Pentland's window was given up to ferns, palms, etc. On Lexington street E. A. Seidewitz made an effective display of ferns, cyclamens, American Beauties, holly, etc.

We had on Dec. 31 a copious rain, coming down gently but continuously for several hours. It was much needed, as the springs and water courses were very low, so low, indeed, that some growers found it difficult to secure enough water for daily use.

Trade continues brisk. There are many festivities and gatherings tonight to usher in the new year and the new century and all day flowers have been in fair request. Good roses are scarce; of lower grades and of carnations there appears an ample supply.

The cultivation of the violet, commercially, in this locality, does not seem to be as successful as in former years. A short time ago our great triumvirate of growers was John G. Rider, Peter C. Erdman and Enoch Merritt. The first named, who was on the top round of the ladder in quantity and quality of his products, and who last year added several hundred sash to his equipment, sends to market, nevertheless, many less flowers than formerly; the Erdman Bros. have given up the culture absolutely, and Mr. Merritt says of his 350 sash many do not produce any flowers at all, and on New Year's eve he brought in 1,700, when, we suppose, he should have had something like 17,000. This culture, indeed, as most branches of commercial floriculture, is like the Christian walk—it is a perpet-

ual warfare, with fears within and foes without. If it is not the spot it is the black fly, and if it is neither of these it is something else in the way of insect or mould or mildew, just as bad. It is possible there is a decline in the vigor of plants long in cultivation, and divided again and again in propagation, or perhaps less careful methods of culture prevail, but the fact stands up stern and apparent that the output and quality are greatly reduced now compared with the past.

The calla is another plant which seems destined to decline under the attack of disease, and we hear one of the largest growers near this city has practically lost his whole stock by rot.

Peter C. Erdman, long regarded as one of the most skillful of our carnation growers, voices the general sentiment when he says the great need of the trade is still a first-class market white. On his place old Lizzie McGowan still stands at the head of commercial sorts for productiveness, fine flowers and good health, but it has faults known of all men. White Cloud gives some magnificent blooms, but many flowers are distorted, the calyx bursts or the flower fails to open, and the variety will be discarded. Flora Hill does better, the flowers being large and the bloom continuous, whilst on his place Mary Wood is a perfect beauty in shape, pure white color and freedom of bloom.

One of the oldest gardeners here is Obadiah Kemp, now 86 years of age, but still able to discourse of flowers and plants and with interesting reminiscences of local affairs horticultural. He is an Englishman by birth, who came to this country about 1842, and bought land in the suburbs which is now selling at prices wonderfully multiplied over what it cost, thus securing him provision for comfort and ease in his declining years.

Rix.

THE RETAIL FLORIST.....

Carnations from a Store View-Point.

Well and fondly, too, do we remember the old days when long stemmed carnations were the exception in the market. We might say the grower practiced then what might be called dis-flowering as much as he does dis-budding to-day, and yet, say fifteen years ago, the carnation held a higher place in floral art than it does to-day. In those days a carnation luncheon, tea, or ball decoration was a common occurrence in the highest society; bouquets and baskets of carnations were considered the prettiest of all floral favors, now they are seldom seen. Of course, it was necessary to introduce outlets for short stemmed flowers in those times, and many of the creations have never been equaled. To-day the carnation is expected to sell itself. Art for the time has given way to science. In the old days the ingenuity and ability of the floral artist overshadowed the poverty of material; in the present days the rich gorgeousness of material smothers or dwarfs the ideas of the store men to a lamentable degree. Beauty of flower never diminishes in the hand of the artist. No matter how fine the grower may produce carnations, the retailer can add to their value and should be able to do so, though in justice to them we must admit his recompense may be small.

The prices of carnation flowers have steadily increased. Last Christmas and New Year's unprecedented and entirely unreasonable prices were asked and demanded by grower or agent. There may be some short-lived glory, some momentary exultant gulp of satisfaction enjoyed by grower and wholesaler in getting or exacting the highest possible price, but there is a vast amount of harm in the aftermath. 'Tis our place to talk upon the subject from behind the retail counter, which is after all the most important factor in the business.

We go out in the morning to buy our stock and get from the different sources as many carnations as the day's business justifies. It may be hundreds, it may be thousands. And for them we pay prices ranging from 3 to 10 cents. We have not had time to put them in water before the door opens and a millionaire's wife asks you: "What have you got that will keep and is inexpensive?" You recommend carnations, and your lowest prices are from 75 cents to $2 per dozen. Suppose she takes any of them, there is always the unthinking, imperative request for plenty of greens to accompany them. You pay 25 cents for a bunch of geranium, $1 per hundred for adiantum, an equivalent for smilax or asparagus; you cannot charge for the greens, and when you stop to figure out the expenses from putting the flowers in a box until they are delivered to her ladyship you might have made a few cents and you might have lost them; the matter is in doubt till your stock is all sold.

A poor man comes in, he wants to send some girl a few flowers, he naturally imagines carnations are cheaper and will last longer, your conscience smites you and you either sell at cost price or charge at a meager rate of profit, and if, as is usual, you put in lots of greens to make a big showing, you have sold at a loss. The "shopper," man or woman it may be, visits you, marks over your stock, sneers at it, tells you So and So sells the same kind and quality for almost half what you have asked, and if you really preserve your patience and make a sale, and after they have selected your finest blooms, broken off two or three others, and chewed down your price, make out a profit, you deserve to be known. There is the occasional telephone order, or selection made by some wealthy person when price is not considered because it is a charge order; these latter are the merciful elements which lighten the scales of your business despair.

Every retailer, every one who buys flowers for his store, will agree with us when we say carnations are too high-priced, and the endeavor to put them on the level of importance with the rose can only result in regrets. That wonderful strides have been made in their cultivation, that the carnations of to-day are beautiful evidences of the highest intelligence, that they are, at least some of them, magnificent, there is no denying; but very few of them are worth what is charged for them at wholesale. Most retailers will pay an exorbitant price for a bunch of this or that merely to put them in their windows to let their customers see they handle the best, it pays them to have them in their window, but it injures them to ask anything more than they paid for them; these investments should not be considered as an indication of the value of the flower.

We are not advocating cheapness in flowers when denouncing high prices, there is a medium, let live, honest, height upon which all may walk. A business, like a good character, can seldom be built up on an unthinking or unreasonable policy, and the flower business, which is perhaps the most changeable, the most unreasonable of all, injures itself by its severe attitude towards that upon which it lives. It may be true, as some growers assert, that the cost of production of some varieties demand high prices, if so, those varieties have no long future before them.

At present we see three great grades of carnations on the market—the very poor, which nobody wants; the medium, which all use; the finest quality, which all admire, but few can pay for. The man who cultivates the first ekes out a wretched life; he who grows the second may be happier at the year's end than he who labors incessantly to produce the last. There is to-day, there has been for the past year or two an unsatisfied demand for reasonable sized carnations at a fair price, and the man who succeeds in producing and disseminating a variety that will accomplish as much as Grace Wilder or William Scott will do more for floriculture than he who brings forth the largest and fanciest of all!

In considering carnations from the retailers' counter, we must judge them as we see and have experience with them. In the first place, a long name is but a millstone upon any flower; the sure abbreviation of that name in many cases entirely obliterates the object of the introducer. Not one customer in fifty will ask the name of any carnation you offer, and if told very few remember. The shorter and more attractive the name the better for the flower's future. There are some poor varieties of carnations on the market today. Perhaps the carnation that "goes to sleep," as the shriveling up habit is generally termed, is the greatest enemy to the future of carnation popularity. When a customer, good or bad, comes into your store and buys carnations and pays a high price for them on the supposition that they are even then cheap because of their expected lasting quality, there is a sad disappointment on the morrow, and the truth is too often too vividly plain in your own ice-box that both you and your customer are victims.

There are three or four possible causes for the early closing of carnations. Lack of knowledge or consideration for what is required to produce long keeping stock, improper or too long a storage before shipping. It is true that a few varieties are particularly addicted to this

weakness, but we have often found a vast difference in the keeping quality of the same variety from different growers. There is much to be discovered about the best method of keeping carnations. In the majority of stores it is impossible to keep them for a reasonable length of time and consequently much loss is a sure result of any special display. It appears to us that the carnation society would do well to offer premiums for the best lasters in each color; this might be conducive to more consideration for that very important matter. The bursting calyx or weak stem are very little use on the retailer's counter; the rubber band and the wire are adjuncts of the past.

We see many beautiful kinds on the market today which have a tendency to hang their heads, and whilst this weakness disqualifies them for particular vase work, yet the hand of a good "maker-up" can easily remedy the fault. This brings us into the artist's department, where we can see how carnations can be put up to show to best advantage and more of them sold in exclusive designs, giving much more satisfaction to all concerned. In the first place, let us state that the ideal salesman of today is the best bluffer, and the best artist the most retiring of individuals; both may be essential to a business success. The percentage of each largely depends on the quality of your trade. Artists in the florists' stores of today are sadly in the minority, as compared to the clerks or salesmen, and yet there is no distinction, no just recognition; 'tis only the few who dream of the beauty that is possible and endeavor against overwhelming odds to raise the florists' business a little higher than that of general merchandise. The most successful florists have not built their reputations upon the rock of cheapness; the rock was rather artistic ability, the cement used might have been reasonable price, but quality of flower and make up are the great pillars he depends on for the material superstructures. Any one may sell the material for a boutonniere or corsage bouquet, but not every one can arrange them properly.

That's why we must claim a better recognition for the artistic element in our business and separate the artist's counter far away from the "cheap John" cut flower bargain stand. The possibilities in decorative art with carnations as the sole or principal material are unlimited; they are fit for almost every occasion, and we hope to see the day when they will be used more generally and exclusively in design work. A wreath of white carnations could be made to equal if not exceed in beauty a wreath of any other flower, and what is grander than a handsome basket of carnations? The garland on the wall, the curtain on the window, the loose panel cluster, the hanging shower basket, the parlor vase, the dining table, the debutante's bunch, the ball bouquet, the dude's boutonniere —yes, the hundred and one forms recognized and unknown to decorators.

The praises of the debutantes of fifteen years ago come back to us as we write of the dainty round bunches of Grace Wilders with cluster of yellow Marguerites at the bow side; they were made not to damage glove nor dress, and during the dance were hung on the arm by a loop of ribbon.

But the artist brings us back to his workbench again to tell us that there are several tones of color still wanting and others lacking strength. He sighs for the old Buttercups and wants to know about the yellows; he expatiates over the lighter self colors and doubts the wisdom of deviating into stripes; he loves the stiff stem for the tall vase but he also is charmed by many a beauty that modestly hangs its head. A few buds, a cluster of their own foliage, is of more value to him than all the dull black green asparagus or trembling adiantum in your greenhouse; he stops to ask why don't carnationists grade their flowers the same as rosarians? Why, oh, why, are they stripped of every bud or leaf of their own? The future will cast an occasional glimmer back on the shadow of the past, and the present derive its best from the two. Hail to the carnation! May it always grow in beauty; may it always be where needed.

IVERA.

NEW YORK.

We have heard of no complaints in this section in regards to Christmas trade except from the wholesalers. It appears that the growers have a way of haunting the wholesale district at Christmas time, comparing notes and issuing fully loaded insinuations. The man who produces a little extra fine stock knows how to extract blood from a stone, the poor or medium grower suffers to feed the rapacity of the tip top. Our advice is, get on top with cabbage if you cannot with roses or violets, etc., etc.

It is pleasing to record that the volume of trade is yearly increasing. Prices were high, very high, and when the grumbling is simmered down money was made, and plenty of it, by almost every one in every branch of the trade. The plantsmen, at least some of them, will know better next time and have more and better stock to supply the enormous demand. Records were broken in plant sales, and all the good grades of cut flowers were sold at the same old Christmas price.

Men dealing in greens report splendid trade, and as we have said before, all are satisfied except the element which is unconsciously doing its best to kill the cut flower trade. Bulbous flowers are late, because, as one of the largest growers informs us, the grower's experiences with early forced bulbs have made him grow sensible. Last year valley went a-begging at any price; this year it brought the unprecedented price of 4, 6, yes, even 8 cents, and it will maintain a good price for the next two weeks. Trumpets have appeared, but there will be no good tulips for a few weeks. Lilac, white and lavender, pink sweet peas, quince and Forsythia blossoms and many other tit-bits are on the market. The general run of cut flowers are very averagy, and the demand, barring the usual lull after Christmas and New Year's, promises to be fairly good.

Some very fine specimens of the new pink rose Robert Scott were recently seen among other novelties at the store of Thomas Young, Jr. This rose shows up finely; we would like to see it on the market. Talking of roses, the great rose show of the American Rose Society will be held in the finest rooms in this city, the ball and banquet rooms of the Waldorf-Astoria, in March. Schedules can be had from Leonard Barron, 136 Liberty street. Get ready, all of you, with your pets and gems for this great event and let us have an ideal show. Exhibit one bloom if you cannot a hundred; do something for your country and the rose.

We regret to record the sudden and untimely death of Miss Mildred Morris, daughter of the late J. M. Hodgson and wife of one of New York's popular florists. She had been ill for some time and passed away on New Year's Day. The funeral took place on Thursday from the home on Park avenue, many of the craft attending. The sympathies of all are given to Dick and his three little sons.

The bowling fraternity started well for the first game in the new year.

Traendly	154	183	160	Hafner	155	168	168
Burns	161	198	153	Lenz	184	189	186
Siebrecht	156	155	157	Taylor	111	151	152
Thielmann	177	168	186	Elliott	162	159	178
Lang	196	177	196				

J. I. D.

ST. LOUIS.

The Market.

The new year was ushered in with the best trade for some years. Stock of all kinds was scarce and the prices remained about the same as last reported. The market, too, has been very favorable for the growers and retailers.

The West End florists expect a large trade for January, as this is the month for all kinds of festivities. A number of them have booked large orders for weddings, balls and receptions.

The downtown florists report good counter trade since the holidays, also orders for funeral designs.

The North and South End florists claim that business has kept up nicely since the great rush of the holidays. The plant trade has also been better than for some years.

The most noticeable feature in the recent holiday trade was the marked increase in the demand for the best quality of carnations, and there is no question as to this flower gaining in public favor every day. The local carnation growers fully realize this question and the meeting of our club this week will, no doubt, show the improvement they have made. The essay by Dr. Halstedt on "New Carnations" will be of great importance to the growers.

Stock for the past week not overplentiful, and yet not scarce, and prices not so high. In roses, American Beauties are fine. Those from Ammann, Herzog and Heinl were among the best, and from $3 to $9 per dozen is obtained for the first grade. Meteors are coming better and a fine lot from J. F. Wilcox sold well. Fine Maids and Brides are also coming in from Vesey, Kuhl, Heinl and Wilcox, prices on these ranging from $4 to $6. Poorer stock sold much cheaper.

Carnations are selling well and stock is very fine and the supply equal to the demand. Kloekenkemper, Dunford, Fillmore and the Udes are sending in some very fine blooms every day. Prices the past week ranged from $2 to $5 per 100.

The supply of violets is not equal to the demand. The best Californias bring $1 per 100. Romans and narcissus remain the same as always, $2 and $3 per 100. Smilax is very fine but the demand slow at $12.50.

Various Items.

R. W. Englert, of Chicago, is now in the employ of the Plant Seed Co. Mr. Englert called on the trade in company with Mr. Reese, also late of Chicago and now with the Plant Seed Co.

John M. Hudson, who opened a store

at 1212 Olive street a month ago, has closed up. John is dangerously sick at his home, 720 Carpenter place.

C. A. Kuehn has been very busy of late with wire work, and night work has been going on regularly. His shipping trade of florists' supplies has been great of late.

Frank M. Ellis is now located in his new quarters at 1316 Pine street. Frank reports business good since the holidays.

Henry Berning reports an excellent trade in cut flowers and supplies.

The stock and fixtures of The Vale of Cashmere were sold at auction Monday, Jan. 7th, at 2 p. m. Quite a number of florists were in attendance during the sale, which took place at the Odron building.

BOWLING.

The bowling club rolled its first games of the new year and some fair scores were made. They were as follows:

	1st.	2d.	3d.	4th.	T'l.	Av.
A. Y. Ellison	144	156	157	170	627	171
C. A. Kuehn	167	169	182	155	673	168
C. C. Sanders	139	143	148	...	422	140
J. W. Kunz	158	144	105	...	407	129
John Young	...	109	159	...	268	134
Wm. Adels	...	...	118	137	255	127
F. C. Weber	...	104	122	...	226	113
Frank Ellis	107	97	116	114	444	111

J. J. B.

CHICAGO.

The Market.

The supply has considerably increased during the past week, and though the demand has kept up very well, it has not been strong enough to absorb the larger supply without a weakening in prices. There has, however, been but little decline in the price of really first-class roses, sales of the best being still occasionally made at $8, though a good deal of lower grade stock has suffered. This applies with especial force to carnations, and the fancy sorts have shown weakness, too. White and light colors have been in brisk demand lately, and this has been made sharper by the funeral of Philip D. Armour, which took place Wednesday, and at which an immense quantity of flowers were used.

Shipping grades of tea roses are quoted at $6 to $8 and good seconds at $3 to $4. In carnations, fancies are held at $3 to $5 and commons at $1.50 to $2.50, while some poor stock is sold at as low as 50 to 75 cents. Paper white narcissus and Romans are very abundant and move slowly at $2 to $3 for the best. The call for funeral flowers helped early this week to clean up an accumulation of these, though at low figures, and even then some were unsalable. There seems to be a lot of poor violets in the market that fail to get action and prices on them rule very low, though strictly first-class violets go all right at satisfactory figures. Harrisii are beginning to come in and they sell at $2.50 a dozen.

Club Meeting.

At the last meeting of the Florists' Club Mr. John Reardon read an instructive paper on "A Succession of Plants to Keep the Greenhouse Benches Full," which appears elsewhere in this issue. A paper on "The Trials and Tribulations of Retailers," by Walter Kreitling (at least, his name was attached to it), was read by the secretary. In it the faklr, the "red violet" workers and the crape chaser were pilloried, but in a style somewhat sedate and ponderous for Walter. It sounded a good deal as though Walter's thoughts had been filtered through some substance that eliminated all the effervescence. And Walter is nothing if not effervescent. Try it again, Walter, and don't let anybody blow the foam off.

The officers of the club were made a committee to arrange the details of the annual carnation meeting which will be held Friday, January 18. Introducers of new varieties are requested to send to this meeting blooms of varieties they wish to bring to the attention of growers in this vicinity. These carnation meetings have increased annually in magnitude and importance and are now visited by many florists from other cities.

Mr. James Hartshorne extended an invitation to the club members and the trade in general to visit the establishment of the Chicago Carnation Company at Joliet the same day as the carnation meeting of the club, Friday, January 18. Free tickets will be supplied by the company's representative at the station in Chicago for the Rock Island train leaving the city at 11:45 a. m. that day. The train will arrive at Joliet at 1 p. m. and will leave there on the return trip at 2:30 p. m., reaching Chicago again at 3:45 p. m.

Meeting of Horticultural Society.

At the annual meeting of the Horticultural Society of Chicago held last Tuesday afternoon four applicants were elected to membership and the reports of the secretary-treasurer were read and referred to the auditing committee. Edgar Sanders was appointed a committee of one to draw up suitable resolutions on the death of Nathan M. Freer and that of Philip D. Armour, both having been liberal supporters of the society, as well as strong friends of horticulture in general.

The following officers were re-elected: W. H. Chadwick, Pres.; E. G. Gihlein, 1st Vice-Pres.; H. G. Selfridge, 2d Vice-Pres.; E. Wienhoeber, 3d Vice-Pres.; J. C. Vaughan, O. P. Bassett and G. L. Grant, members of the exeeutive committee for three years. The election of a secretary and treasurer and a board of directors was laid over till next meeting.

Various Items.

Flint Kennicott is laid up with an attack of bronchitis and la grippe.

McClellan & Winterson are now handling rooted carnation cuttings in addition to their other stock. Their new green and red catalogue is mentioned elsewhere.

The bowling team will play a series of games at Anson's alleys next Monday evening.

Anton Then, Frank Felke and C. M. Dickinson will start Thursday on a four day's trip through the carnation district in Indiana.

W. W. Barnard & Co. have just received a car load of tuberose bulbs. Their new florists' seed list has just been issued. Mr. R. R. McGill, of this firm, is around again after a three weeks' tussle with the prevailing la grippe.

We wish to call your attention to the value in our Florists' Manual as recognized by many readers. See their letters that have appeared from time to time in the Review.

If you need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of one cent a word.

THE NATURAL IN LANDSCAPE ART.

The incentive to introduce active, realistic life into landscape effects received its initiation at the time of the laying out of the World's Fair grounds—at least as far as we in the uncouth west are concerned—and the goose and the swan sported with infinite grace on the placid bosom of the lagoons.

Their presence added greatly to the pleasures of all concerned, save to those in charge of the Wooded Island. The geese would persist in scratching up the flower beds and mixing up their fresh-laid eggs with the fruit of Thorpe's Solanum Melongena, thus hybridizing them in a manner heretofore unknown.

But art must not suffer on account of such little idiosyncrasies as these, and in the future active life must go hand in hand with still life. Inventive genius will not stop short at swan and geese, and other animated subjects will be added to the list. In fact, we have a charming example before us in the reproduction here given of "The Natural in Landscape Art." What a charming example it is! Still, with the thermometer hugging the zero mark and coal at $8 a ton, we feel sorry for the kid and think him a goose for being so far away from home without his mittens. Of course, it was summer when the picture was taken, the foliage shows it, and the fact is demonstrated by his manner of scratching a musquito bite on his back.

The artist who introduced him into this sylvan scene as an improved form of animation may have had more in his mind than a hasty glance would disclose. The boy may be intended to represent in his different parts, various denizens of the forest and thus bring to mind that exquisite poem by the Brooklyn Bridge Bard, of which we give a few stanzas:

Two sportive calves
In sweet repose,
Bereft of covering
And of clothes;
A lot of hairs
(Not Belgian bred)
That love to nest
Upon a head.
Two lips to grace
The scenic art,
And for the view
A charm impart;
And as a whole
This image here
Suggests the mild
And timid deer.
Thus simple art,
Unclothed—not hid—
Is well shown here
By this naked kid.

JANE'S BROTHER JOHN.

TARRYTOWN, N. Y.

Meeting of Tarrytown Hort. Society.

The regular monthly meeting of the Tarrytown Horticultural Society was held Dec. 27, with President Turner in the chair and a large attendance of members. The chief business of the evening was the election of officers and the second annual supper. The following candidates were appointed for the ensuing year: James W. Smith, president; William Scott, vice-president; E. W. Neubrand, treasurer; Thomas Cockburn, secretary; L. A. Martin, press secretary. The executive committee is as follows: M. J. Connellon, Francis Gibson, William Turner, A. A. Taaffe, William F. McCord, D. MacFarlane, A. Fallon and John Eagan. The treasurer's reports were very satisfactory, members of good stand-

The Natural in Landscape Art.

ing numbering 95, and still gaining every month. The balance at the bank proves that affairs have been well managed, so the prospects of the society are very encouraging for the future. Two new members were elected, Mr. H. H. Waite, Greystone, Yonkers, N. Y., and Mr. John Elliott, Scarborough, N. Y.

A vote of thanks was given to the retiring officers and then the members and guests, numbering 65 in all, adjourned to the Florence Hotel, where the supper committee, Messrs. Neubrand, Smith and Gibson, had an excellent repast prepared. The dining room was beautifully decorated, cut flowers and other material having been donated by several members, and flags of all colors with the initials T. H. S., made for the occasion by Mrs. J. Hennessey, of the Florence Hotel, and donated to the society. A vote of thanks was given to Mr. and Mrs. Hennessey for same. As soon as cigars were reached the president asked for a few words from the newly elected officers, who gladly responded. Mr. William Scott was appointed toastmaster for the evening and filled the position in a very able manner. Speeches were asked of the following gentlemen, and many good remarks were heard: J. W. Withers, of *American Gardening;* Thomas Withers, of Hartford, Conn.; J. I. Donlon, of the FLORISTS' REVIEW; Mr. Butterfield, of the *Florists' Exchange;* Messrs. Lynch, Gomersall and Saltford, of the Dutchess County Horticultural Society. Messrs. Shore, Grierson and Williamson, representatives of the Westchester County Horticultural Society, had to leave us early to make connection with trains, so we greatly missed the good advice usually given by Mr. John Shore. Some good remarks were also heard from F. R. Pierson, the judges of our last show and the local press. Music and songs were rendered. Mr. John Taaffe, cornet and violin, with songs from Messrs. Whyte, MacFarlane, A. A. Taaffe, Butterfield, Mooney and Martin. A most pleasant and sociable evening was enjoyed by all present.

L. A. MARTIN.

BOSTON.

Trade Conditions.

It was a mixed-up week. Dates, weather, business, prices, ideas—all got mixed except drinks, which florists have heard are too dangerous. The week opened fairly well, from a business point of view, slowed up a bit for the first three days of the new month, year and century, then went out with renewed vigor. However, a departing slap was made at carnations, reducing prices materially upon Saturday upon that commodity alone, but allowing a general clear-up on all lines. But it is an unsettled condition, and while prices are reasonable just now, a general quotation could hardly prove of value. There is a murmur of complaint about collections being a little hard, not only in our business, but in all lines of traffic, and many are inclined to fear a near recurrence of a stringency in the money market.

Various Notes.

Wax Brothers are having a magnificent ice chest made to occupy the site now occupied by the candy counter in their store.

At a recent meeting of the Gardeners' and Florists' Club, Warren Ewell was elected president; J. A. Pettigrew, vice-president; Wm. E. Fischer, secretary, and Edward Hatch, treasurer.

Mr. Nicholson started Monday, Jan. 7, on a tour of inspection to extend to Chicago. He is accompanied by Mr. Eugene Dailledouze. J. S. MANTER.

THE pointers on some one page of the Florists' Manual, by Wm. Scott, will save you the price of it.

OMAHA.

Christmas Trade.

The Christmas trade in Omaha was the same as reported by other western cities—the best in years.

Quality of stock varied considerably. One grower reports a better quality, the next reports stock not so good as last year. Roses and carnations averaged better than usual.

Only a few of the retailers were fortunate in having a stock of flowering plants, the quality of which did not seem to be up to that of last year.

Mr. August Peterson, of Peterson Bros., reports a good trade, although no better than last year, with an increased call for pot plants.

With L. Henderson and A. Donaghue trade was about the same as last year.

S. B. Stewart reports a greatly increased plant sale, and Miss Arnold a slight increase in general trade. B.

LANCASTER, PA.

Christmas Notes.

Christmas trade was such that it should always be a pleasure to give it one thought in the future. One always feels eager to write of prosperity; and yet our business and the people in it are so paradoxical, either from habit or experience, that they are always ready to deny or dispute even the unexpected. There are many ways to look at the business done this Christmas, but those best able to judge admit that it was a record breaker for quantity of plants and flowers sold.

The weather was a friend to the florist. Monday was a gloriously beautiful day. Everyone made fine displays, and the quantity of stock sold must have ex-

SAMUEL S. PENNOCK. **Wholesale Florist**

{Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m.}

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

ceeded any former year by at least 30 per cent.

There seemed to be plenty of all kinds of stock except violets, which were very scarce, which meant high prices; and on that account plants were preferred, or roses, which were very plentiful owing to the bright, clear weather. Carnations were in very good demand with just about enough to go around.

It would be very difficult to say just what plants had the preference, but I would say that Begonia Gloire de Lorraine, arranged in either pans or baskets with ferns, created more attraction than anything else. It sold well, even at the high prices asked for it, and from all accounts it gave favorable satisfaction.

Azaleas sold well; not nearly enough to go around. Rubbers and all kinds of palms ranging from 75 cents to $2 were in good demand.

The supply of primroses, Romans, narcissus, etc., was not overplentiful, but I think there was about enough to go around.

Business has kept up well and the first few days in the new century was far better than expected, making the outlook a very good one for the entire season.

B. Frank Barr.

Wellsville, Ohio.—W. A. Herbert reports trade good and not enough cut flowers to supply the Christmas demand.

Lyons, Kan.—Mrs. H. B. Smith reports a good trade since locating here and that Christmas sales were very satisfactory. Some of her mail is still being addressed to Maroa, Ill., and reforwarded to her. She would like to have her address changed on all mailing lists.

Beardstown, Ill.—Business was not as good up to Christmas as last year, but Christmas day trade was as good as last year—that is, in cut flowers; pot plants not so good. Roses brought from $1 to $1.25 and carnations 40 to 50 cents per doz. F. B.

Galesburg, Ill.—I. L. Pillsbury says: "Christmas trade was larger than last year, the demand being mostly for cut flowers. There was a shortage of carnations, these being in greatest demand, with just about enough roses and chrysanthemums."

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

For sale—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

Wanted—A single man with small capital to run market garden and greenhouses on halves. Must understand his business. Address G. G. Ledder, 302 Washington Street, Boston, Mass.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, Pa

Mention The Review when you write.

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$7.00	per 100	
Good " "	5.00	"	
Perles	$4.00 to 5.00	"	
Meteors	6.00 to 8.00	"	
Roses, our selection	3.00	"	
American Beauties			
Long	5.00 to 7.00	per doz.	
Medium	3.00 to 4.00	"	
Short	1.25 to 2.00	"	

Carnations, fancy	$3.00 to $4.00	per 100
" fine	1.50 to 2.00	"
" our selection	1.25	"
Smilax	1.50 to 2.00	per doz.
Ferns, Adiantum	1.00 to 1.25	per 100
" Common	1.50	per 1000
Galax Leaves	1.50	"
Lily of the Valley	4.00 to 5.00	per 100
Roman Hyacinths	2.00 to 3.00	"
Violets	1.00 to 1.75	"
Paper White	2.00 to 3.00	"
Asparagus	60c	per string
Leucothoe Sprays	75c	per 100

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Mention The Review when you write.

Wanted—Section man; Maids and Brides. Call or address Braut & Noe, Forest Glen, Chicago.

Wanted—A strictly sober night fireman that knows his business. Steam boiler. H. McMichaels, Morton Grove, Ill.

Wanted—A small second-hand hot water heater. Must be in good order. E. S. Easterday, Nokomis, Ill.

Situation wanted—By a young man in private or commercial place; 5 years' experience; age 22. Please address J. Jackson care W. A. Procter, Glendale, Ohio.

Wanted—An experienced assistant for down town store in Chicago. Must be able to wait on trade, decorate and do general florists' work. State age, salary expected and give references. Address 15, care Florists' Review.

Situation wanted—As foreman or section man; American, single, age 41; 20 years' experience in growing roses, carnations, violets, general stock; also good propagater; best of references; sober and reliable. Address W. A. C., care of Florists' Review.

Situation wanted—Carnation grower wishes engagement with some reliable party. Olsen, 61 Commerce Street, Rahway, N. J.

Wanted—Two good rose growers to take charge of sections. Steady position; for the right parties. Address J. F. Wilcox, Council Bluffs, Iowa.

For sale—Coil boiler, with grate-bars, door and frame; nearly new, will heat 3,000 square feet of glass. Geo. Staffinger, Springville, N. Y.

For Sale.

An interest in one of the largest and most widely known Floral Establishments can be purchased by a live man with greenhouse experience. Located in a city of over 200,000 inhabitants, in a Middle State. Catalogue, cut-flower and plant trade established. For the right man no better opening could be desired.

For particulars address **X. N.,** Care of Florists' Review, Chicago, Ill

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

DREER'S RELIABLE FLOWER SEEDS.

The following is a short list of articles which should be sown early.

DREER'S SUPERB DOUBLE FRINGED PETUNIA.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, a fine dark blue sort	25c	$1.00
" Cope's Pet, the dwarfest blue	15c	.35
Aster, Queen of the Market, white, pink or purple	20c	.75
" " " finest mixed	15c	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb		.10
Carnation, Marguerite, finest mixed	20c	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
" gymnocarpa, " 15c		.40
Cobæa scandens, purple	10c	.30
Cyclamen per. gigauteum, finest mixed, per 100 seeds, 60c; per 1000 seeds, $5.00		

	Trade Pkt.	Oz
Dracæna iodivisa	10c	.30
Grevillea robusta	15c	.40
Heliotrope, Lemoine's Giant	10c	2.00
Lantana hybrida mixed	10c	.20
Lobelia, Crystal Palace compacta, true	30c	1.50
" gracilis, light blue, trailing	15c	.40
" speciosa dark	20c	.60
Mignonette, Allen's Defiance, very large spikes	15c	.50
" Machet, true select stock	15c	.50

Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50

	Trade Pkt.	Oz
Petunia, Dreer's Superb Fringed, single	50c	
Phlox Drummondi grandiflora, finest mixed	15c	.50
" " nana compacta, finest mixed	30c	1.50
Pyrethrum aureum [Golden Feather]	10c	.30
Salvia splendens [Scarlet Sage]	30c	1.50
" " compacta erecta, "Bonfire"	50c	2.50
Smilax, per lb., $3.50	15c	.35
Stocks, large flowering, 10-week, separate colors	40c	2.25
" " " finest mixed	40c	2.00
Thunbergia, finest mixed	10c	.30
Torenia, Fournieri	30c	
Verbena, Mammoth, white, scarlet, pink, purple, striped	30c	1.50
" " " finest mixed	25c	1.00
Vinca rosea, rosea alba, alba pura	20c	.60
" finest mixed	15c	.50

Our Wholesale Price List for 1901 has been sent to all Florists, if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

Formerly with H. G. Berning, is now
located in his new and elegant quarters at

1316 PINE STREET, - - ST. LOUIS, MO.

A SPECIALTY OF **Fine Roses, Carnations, Violets**
and all **Cut Flowers in Season.**

A COMPLETE LINE OF

Florists' Supplies.

Shipping Orders Promptly Attended to. Consignments Solicited.

Mention The Review when you write.

NEPHROLEPIS WI

These three engravings from photographs tell a story that should interest you because it me commercial plant than we anticipated, and we had a mighty good opinion of it at the start photograph. It is a fern that you cannot afford to be without. There is no speculatio

"The Great Fern of the Future"

READ WHAT ONE BUYER SAYS:

Newark, Ohio, December 27, 1900.

The Geo. Wittbold Co., Chicago.

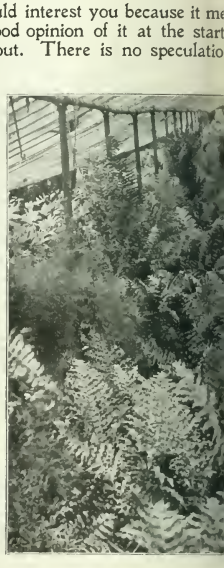
Gentlemen: Please ship to me as soon as possible 300 more of your Nephrolepis Witboldii.

The plants I received from you a short time ago are doing so nicely that the more I see of them the more I am convinced that Wittboldii is the Great Fern of the Future, and I feel I cannot get too heavy a stock.

And I know that every enterprising florist will purchase a stock of it as soon as he sees what a grand decorative plant it will make.

Wishing you a prosperous New Year, I remain,

Yours truly, A. J. BALDWIN.



A Benc

Plant of Nephrolepis Wittboldii.

Remember we are not sending out w immediately produ

IF YOU CATALOGUE N

INCLUDE N. WITTBOLD

SEE OUR OFFERS OF **Palms**

The GEO. WITTBOLD CO.,

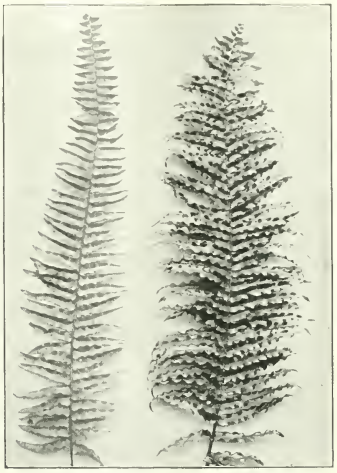
'BOLDII.

to you. This fern has proved to be even better as a
te the growth in the bench of young plants in the
ng in this grand money-making Nephrolepis.

. Wittboldii Photographed Nov. 19.

plants, but Strong, Vigorous Stock that will if planted out in bench.

S YOU WOULD DO WELL TO
R LIST. WRITE US ABOUT IT.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

OUR stock of N. Wittboldii is in splendid shape and we are offering fine plants, ready for 3 and 4-inch pots at

$1.00 each,
$10.00 per dozen,
$75.00 per 100.

The demand will be immense next year and you ought to have a stock ready.

A Dozen Plants now will be the best investment you ever made. Send in your order now.

erns, Asparagus, Araucarias,

s and Dracænas

IN CLASSIFIED ADVS. IN THIS ISSUE OF THE REVIEW.

Buckingham Place, CHICAGO, ILL.

MINNEAPOLIS, MINN.

Various Notes.

Christmas trade was better than ever this year with prices a little better. Demand for flowering plants is increasing from year to year. Everything was sold out clean except bulbous stuff such as Romans and narcissus. Violets were in great demand, but the supply was very short.

New Year's trade was good, but not what it used to be.

John Monson, manager of the Minneapolis Floral Company, has broken ground for a large addition to an already good sized establishment. He will build six new rose houses, 25 x 160 feet each, one large palm house, 35 x 185, and two violet houses, 11 x 100, which when completed will give him in all about 80,000 feet of glass. Although he did not commence his first range of houses until last August, he soon will have one of the most modern plants in the northwest.

William Donaldson & Co., successors to C. A. Smith Floral Company, are preparing to build two large greenhouses in the spring. L.

NEPHROLEPIS WITTBOLDII.

This new fern is keeping up its record in fine style and is steadily exceeding its early promises of usefulness. It not only makes a superb decorative plant in a very short time and possesses the other desirable characteristics of the Boston fern, but the larger fronds when mature are most excellent to use in funeral bunches in the same way that the cycas leaves are used and the effect is much better as there is far more grace and beauty in the fern fronds than in the cycas leaves.

Wittboldii is certainly a grand thing and we are inclined to agree with Mr. Baldwin that it is "The great fern of the future." We have watched it steadily since it was first discovered and every inspection has increased our good opinion of it.

A PRETTY CALENDAR.

We have received from the Lord & Burnham Co., Irvington-on-Hudson, N. Y., a copy of their 1901 calendar, which is a real work of art. It is in several colors and in the picture is seen a twentieth century young lady in a conservatory gathering roses. In the background are decorative plants and the outlines of the curvilinear roof of the conservatory are seen overhead. At the right, but separated from the main picture, appears a sectional view of their well known hot water heater. It is a really artistic creation and we extend our congratulations.

MEDINA, N. Y.—Harry M. Kearney, the florist, committed suicide Dec. 29th during a fit of despondency over the death of his mother last fall. He was 37 years of age and unmarried.

WE AGAIN hear reports that florists have been victimized by "customers" who paid for goods with bogus checks and received the "change" in cash.

THE BOOK that saves money for you like the Florists' Manual, by Wm. Scott, is the book for you to have handy.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
WHOLESALE FLORISTS
Mention The Review when you write.

A. H. POEHLMANN,
Wholesale grower of and dealer in
CUT FLOWERS.
55 and 57 Wabash Ave., CHICAGO, ILL.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Design. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. C. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
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The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O.
Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
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FRANK M. ELLIS,
Wholesale Florist,
1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

DO YOU NEED ANY OF THE FOLLOWING?

You will find each article described and priced in our 1901 catalogue.

Aprons, Rubber
Aquariums
Asparagus Plants
Artificial Palms & Plants
Artificial Flowers & Lvs.
Artificial Palm Leaves
Asparagus Plants
Azaleas
Baskets
Bits for Braces
Bellows
Birch Bark Ware
Boilers
Bone Meal
Bouquet Papers
Bouquet Pins
Bostoniensis Ferns
Boxes, Folding, Mailing, Strawboard, Wooden
Brackets, Window
Brass Chains
Broom Corn
Burlap
Bulbs,
Allium Neapolitanum
Begonia Tub'rs Rooted
Caladium
Crocus
Cyclamen Bulbs
Dutch Hyacinths
French Roman
Freesias
Gloxinia
Gladioli
Iris
Ismene Calathina
Lilies, Auratum
" Callas
" Candidum
" Harrisii
" Longiflorum
" Miscellaneous
" Speciosum Sorts
Lily of the Valley
Miscellaneous Bulbs
Narcissus
Oxalis
Spiraea
Spring Bulbs
Bulbs, Tuberoses
Tulips
Cane Stakes
Cape Flowers
Carnations, R. C.
Chains, Brass
Chenille
Christmas Tree Holders
Coal for Wagon Heaters
Cocoanut Fiber
Columbian Plant Tubs
Compressed Air Spray'rs
Cords, Silk, and Tassels
Cotton Wadding
Counters
Crepe Paper
Crepe Paper Pot Covers
Cut Flowers
Cut Flower Boxes
Cut Flower Labels
Cut Flower Vases
Cutlery
Cycas Leaves
Cycas Wreaths
Cyclamen Plants
Dec've Plants & Palms
Decorative Stock
Designs, Wire
Doves
Dried Ferns, Grasses, Leaves, Mosses
Express and Cut Flower Boxes
Emblems, Immortelle
Fairy Flowers
Faucets
Ferns, Small
Bostoniensis
Nephrolepis Wittboldii
Dried
Dishes
Rails, Japanese
Fertilizers
Fire Extinguishers
Fixtures, Store
Floral Designs, made up
Flower Pot Brackets
Florists' Manual
Florists' Thread
Flower Seeds
Flower Stems Wired
Flower Pots
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Foods, Plant, Poultry, Palm
Forks, Spading, etc.
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French Green Moss
" Wreaths
Fruits, Small
Fumigators
Garden Tools
Garden Rollers
Glazing Tools, etc.
Glazing Supplies, Glass Cutters
Grasses, Dried
Grass Hooks
Grass Seed, Lawn
Grass Shears
Greenhouse Gutters
Greenhouse Material
Grindstones
Hammers
Hand Carts
Handkerc'fs, Lace, Paper
Hardy Roses
Hardy Climbers
Hardy Perennials
Hardy Shrubs
Hose Couplers
Clamps
Holders
Menders
Nozzles
Rubber
Shut Off Cock
Sprinklers
Sirups
Hyacinth Glasses
Hoes, Garden
Holly
Ice Boxes
Immortelles
Designs, Emblems
Indurated Fibre Ware
Insecticides
Iron Goods
Iron Chairs, Settees
Vases, Plant Stands
Jardinieres
Jardiniere's & Pedestals
Japanese Fern Balls
Kift's Adjustable Vases
Kinney Pump
Klokner's High Vase Fit
Knives, Budding, Pruning, etc.
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Lanterns
Lawn Chairs,
Furniture
Mowers
Settees
Sprinklers
Vases
Fertilizers
Letters and Lettering
Lilies, Callas
Ismene Calathina
Longiflorum
Harrisii
of the Valley
Mastica
Mastica Machine
Mailing Boxes
Metallic Designs
Mosses
Moss, French Green, Orchid, Sheet, Sphagnum
Moss Wreaths, French
Mikoteen
Mikoteen Punk
Nozzles, Hose
Orchid Flowers, Peat, Moss Material, Plants
Palm Food
Palms & Decor've Plants
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Paper and Twine
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Pipe Cutters, Fittings, Reducers, Plugs, etc.,
Valves, Vises,
Wrenches, Tongs, etc.
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Pants, Hardy
Plant Stands, Bed Cloth, Foods, Stakes, Tubs
Powder Blowers
Pot Covers
Pots, Flower, Sprinkling, Watering
Poultry Fountains, Foods, Supplies
Pumps
Putty and White Lead
Putty Knives, Bulbs
Raffia
Rakes
Rattan
Refrigerators
Riddles
Ribbons
Roses, Hardy
Rose Leaf Extract, Tob.
Rubber Aprons, Hose
Rustic Vases
Rustic Work and Ware
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Silkaline
Soil Crush'rs & Pulver'rs
Spades
Spiraea Roots
Sphagnum Moss
Sprinkl'rs, Scollay, Lawn
Sprinkling Pots
Sprayers
Stakes, Plant and Garden
Stationery, Plain, Print'd
Statuary
Syringes
Tags, Shipping, plain and printed
Tanks, Water & Liquid Manure
Thermometers
Threads
Tinfoil, Plain, Violet
Tis'ue Pap'r, Pl'n & Col'd
Tongs
Toothpicks
Toothpicks, Wired
Trellises
Trowels
Tree Pruners
Trees, Ornamental
Trucks, Hand
Tweezers
Twines and Paper
Tubs, Plant
Unleach'd Hard'd Ash's
Valves
Vases, Cemetery, Cut Flower, Glass, Indurated Fibre, Iron, Iron Grave, Lawn, Stone
Vase Holders, Kift's
Vises, Pipe
Wadding, Cotton
Wagon Heaters
Wax, Grafting
Watering Pots
Weeders
White Lead and Putty
Wheat, Loose, Sheaves
Wheelbarrows
Willow Plateaux
Wire, Annealed, Copper, Cutters, Designs, Galvanized, Nippers and pliers, Plant Stands
Wreaths, Cycas, French Green Moss, Metal, Holly, etc.
Wrenches, Pipe, Monkey

If you have not received a copy write us for one. Sent free. You need it in your business.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

PETOSKEY, MICH.

Christmas trade was fine. Sold out slick and clean. Besides ordering from Grand Rapids, bought all the local flowers at hand; sold them and still calls for more. The people of this vicinity are getting a little used to holiday prices. Seven years ago, when I launched out in business it was up hill work to make the people comprehend that flowers cost more at the holiday season. When coming to purchase they would remark: "Why, I bought only two weeks ago carnations for 30 cents a dozen, now you ask 60 cents." But they are fast becoming educated to it.

Cut flowers sold more readily than plants. Holly and holly wreaths went like hot cakes. The leading calls were for carnations, roses, late mums and stevia; bulbous stock went slow and carnations took the lead. Happy new year to the trade. M. A. LONG.

UNIONTOWN, PA.—Barton Bros. say their Christmas trade was much larger than in any previous year. They sold all they had and could have sold a good deal more.

IN OUR classified advs. you can find everything you want all the time.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

Climbing Roses.

TWO GRANDEST:

Climbing Kaiserin, white, $10.00 to $15.00 per hundred.

Climbing Wootton, red, $10.00..... per hundred.

Field grown, own roots, 2 to 3 feet.

Plenty of other sorts, bush and climbers, hardy and tender

THE HOWLAND NURSERY CO., LOS ANGELES, CAL.

Mention The Review when you write.

NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars as to color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

New Hardy Giant Primrose PRIMULA VERIS SUPERBA.

This is one of the good things that occasionally turn up by chance. The plant originated a few years since in a batch of seedling Polyanthus, and apparently is a hybrid Primrose, having somewhat the growth of a Polyanthus combined with the yellow color and fragrance of the English Primrose. In size of flower, it is fully three times as large as any hardy Primrose known to us, the average size of the flower being over one inch, and we have seen them frequently measuring over two inches, with individual trusses of bloom six inches in diameter. It is perfectly hardy, grows from 10 to 12 inches high, and begins to flower earlier and continues in bloom longer than any other plant of the same family known to us. This alone is sufficient to insure its popularity as a plant for the garden, but its greatest merit consists in the fact that it is not only one of the easiest plants we know of to force, but a plant that will sell on sight when brought into flower during the winter and early spring months, and especially so when grown as an Easter plant. The plants can be stored in cold frames, successive batches being brought into a cool greenhouse to flower as required, allowing about four to five weeks' time to bring them into full bloom.

The plants we offer are good young plants which will give sufficient flowers this season to show its value and will grow on into fine specimen plants for next winter's forcing. $1.25 per doz., $10.00 per 100.

HENRY A. DREER, - - 714 Chestnut St., PHILADELPHIA, PA.

Mention The Review when you write.

CARE OF BOILERS.

Reading I. M.'s inquiry in the Review of Dec. 13th, I would like to give my experience in the care of boilers when not in use, especially cast iron ones, in summer.

I have charge of a number of boilers, both cast iron and wrought iron. In setting the former, if they are portable ones I find it pays to give them a good coat of paint on the bottom and set them on a sheet of ½-inch rubber packing. In the summer, if they be left full of water, and it is advisable to do, I disconnect the smoke pipe, and, after having cleaned out all the soot and ashes, put in a bushel, more or less, of lime, according to size of ashpit, furnace and flues, and close up tight.

If the water is to be drained off, before closing so I introduce a quantity of crude oil, according to size of boiler, while the water is hot, and as it lowers the interior is protected with a coating of oil that prevents oxidization. I have boilers in use now over five years that are as perfect as the day they were installed and that will last a good many years. I believe it is good economy to give them this annual care. It is certainly cheaper than repairs, and precludes the danger of their giving out when in service. The sheet rubber packing is reasonable and protects the bottom that cannot be painted except by disconnecting and upsetting.

Craig R. Arnold.

Sharon Hill, Pa.

Tiffin, Ohio.—Lewis Ulrich reports Christmas trade as better than any previous year; sold out everything he had in cut flowers. Sold quite a few pot plants and had an unusually good trade in holly, wreathing and Christmas trees. He last week picked 100,000 Asparagus plumosus seeds and has about 50,000 yet to pick. The most of these will be sown at once.

You can find anything you need in our classified advs. If there is an item missing let us know and we'll find it for you.

LOOK on page 156, Florists' Review, Issue of January 3, 1901.

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

KENTUCKY STOCK.

Hibiscus, strong thrifty plants ready for shift. Fulgidus Vericolor Grandiflora, Aurea Variegata, double pink, double red, 2½-inch pots, $4.00 per 100.

Acalypha Marginata, 2½-inch pots, $3.00 per 100; 3-inch pots, $4.00 per 100; 4-inch pots, $6.00 per 100.

Jessamines, Maid of Orleans, Grand Duke, Sambac, Revolutum, Grandiflora, strong, 3-inch pots, plants ready for shift, $6.00 per 100.

Asparagus Sprengeri, strong plants, 2½-inch pots, $3.00; 3-inch pots $6.00.

Violets, Swanley White, 2-in. pots, $2.00 per 100.

New Rose WINNIE DAVIS,

2½-inch pot plants.....$5.00 per dozen; $25.00 per 100.

1901 catalogue free upon application. Address

NANZ & NEUNER,

LOUISVILLE, KY.

Mention The Review when you write.

BOSTON FERNS Don't Forget that we have them in all sizes, 2½, 3, 4, 5, 6 and 7 in.—Beauties. Order a sample lot. You will want more.

GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

Quincy, Ill.—C. F. W. Gentemann reports that trade has been 20 per cent better than ever before. The demand for blooming plants was very encouraging. Our Christmas trade was far ahead of our expectations; everything sold out, and at a high price.

PLANTS

GERANIUM. 20 leading varieties.
ALYSSIUM. Giant Double.....
LANTANA. 10 varieties.....
COLEUS. 15 varieties.....
AGERATUM. Stella Gurney and Dwarf White ...
SALVIA BONFIRE .....
SWAINSONA ALBA.....
LEMON VERBENA .....
HARDY IVY.....

From 2½-inch pots, $2.00 per 100.

SMILAX from 2½-in. pots, $1.25 per 100.
ROSES. Bride, Bridesmaids, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100.
ASPARAGUS PLUMOSUS NANUS from 4-in. pots, $10.00 per 100.
CALADIUM ESCULENTUM. 1st size, $2.00 per 100; 2nd size, $1.00 per 100.

Cash With Order.

R. VINCENT, JR. & SON.

WHITE MARSH, Md.

Mention The Review when you write

FOR SALE.

Smilax, from flats .....30c per 100; $2.50 per 1000
..... from 2-inch pots.....$1.00 per 100
100 Mignonette Plants (Allen's Defiance), mostly in bud .....3c each; $2.50 per 100
Cyperus Gracilis, 4-inch .....75c per doz.
Tomato Plants, pot grown, Beauty and Lorillard, ready January 1st, 1901.

MRS. GRISWOLD, - Worthington, Ohio.

Mention The Review when you write.

Remember your employes have birthdays. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is $5.00 a copy delivered.

QUEEN LOUISE CARNATION.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.
IT BLOOMS EARLY. IT BLOOMS LATE.
IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings ready Feb. 15th. Price $10.00 per hundred; $75.00 per thousand.

Christmas Crop of Queen Louise, taken December 22, 1900.

Come and see it or send for circular.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write

100,000 R. C. CARNATIONS

READY TO SHIP

	Per 100	Per 1000
Mrs. Thos. Lawson, pink	$6.00	$50.00
Genevieve Lord, light pink	4.00	35.00
Ethel Crocker, light pink	3.50	30.00
Morning Glory, shell pink	3.00	25.00
Mrs. F. Joost, pink	1.50	12.50
Argyle, dark pink	1.50	12.50
Daybreak	1.50	12.00
William Scott	1.00	8.00
G. H. Crane, scarlet	2.50	20.00
Chicago, scarlet	3.00	25.00
America, scarlet	2.50	20.00
Peru, white	3.00	25.00
Melba, light pink	1.50	12.50
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	1.75	13.00
Olympia, variegated	5.00	40.00
Mrs. G. Bradt, variegated	3.00	25.00
Armazindy, variegated	1.00	8.00
White Cloud	1.50	12.50
Flora Hill	1.50	12.00
Mary Wood	2.00	18.00
Gold Nugget, yellow	3.00	25.00

CASH WITH ORDER.

FT. DODGE GREENHOUSE CO.

H. E. MITTING, Manager. FORT DODGE, Iowa

Mention The Review when you write.

We Have Got Them Ready Now

Young Roses in 2-in.

Perles, Kaiserins, Woottons, Brides, Maids, La France, Meteors, Pres. Carnot.

If you are looking for early bloomers for summer use, send us $1.00 for sample lot of kind you want, and we know the special price we will make you on them until January 15 will get your order. We must have the room. Satisfaction guaranteed or money refunded. Write

GEO. A. KUHL,
PEKIN, ILL.

Mention The Review when you write.

HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.; $100.00 per 100
3 "	5 "	36 inches, fine	3.00 each.

COCOS WEDDELIANA.

1 plant,	3-inch pot,	12 inches high	$ 25.00 per 100
3 "	5 "	18 "	$1.00 each, 100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.; $ 35.00 per 100
6 "	6 "	24 "	15.00 " 125.00 "
8 "	6 to 7 "	30 to 32 inches high	3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.. $35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each, 12.00 per doz.
6 "	5 to 6 "	30 "	1.25 " 15.00 "
8 "	6 "	36 to 40 "	3.00 " 36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

FOR EASTER.

Primula Obconica Grand., nice large stock, in 3½-inch pots, now in bud. Shifted now will make nice blooming plants for the balance of the season and Easter trade. **$6.00 per 100.**

BINLEY, THE FLORIST,
GLENS FALLS, N. Y.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N

LOUISVILLE, KY.

Various Items.

Xmas trade seems to have been very satisfactory with everybody around here. Prices ruled about the same as last year.

At the meeting of the Kentucky Society of Florists, held on Jan. 3d, the following officers were elected: President, William Mann; vice-president, C. F. Wood; secretary, Henry Lichtefeld; financial secretary, Jos. Coenen; treasurer, C. H. Kunzman; sergeant-at-arms, Jacob Schulz. The newly elected president made a beautiful speech and wished the society a happy new year.

Fire destroyed Geo. Thompson & Son's greenhouses on the night of Jan. 1st and caused the loss of their entire stock of plants and buildings. The estimate of their loss is in the neighborhood of $6,000, partly insured. They have the sympathy of the other florists in their misfortune.

Jos. Coenen & Co. report a very large trade in palms and ferns for Xmas.

J. E. Mauret reports a very large trade during the holidays. E. G. Reiners also reports very good Christmas trade.

Jacob Schulz never gets left when the time comes around. His stock for Christmas was first-class.

Wm. Mann, the carnation king, was at his best again. He cut some 800 blooms for Xmas.

C. H. Kunzman is cutting some very fine carnations.

Lichtefeld & Son had all they could attend to during Xmas and New Year's.

We all wish the Florists' Review a happy year.

HY LICHTEFELD.

GREEN AND RED CATS.

Several thousand green and red cats are to be seen at McKellar & Winterson's store in Chicago this week. Each cat is provided with a brown collarette before it is sent out, and as the result of this precaution none have had a chill up to date. And on the coat of each is placed a poinsettia and a jardiniere. They are business cats though, and judging from an inspection of their contents, they rank most decidedly as omniverous. From cut flowers and wheat sheaves to water tanks and fire extinguishers is a wide range, and the items that these cats can be made to disgorge by a dose of the "long green" type of physic is phenomenal. And the tremendous list of different items is closed by an intimation that if they have accidentally omitted anything that a florist can use in any walk of life they will get it in on the gallop.

Seriously it is a remarkable catalogue and well illustrates the continually widening needs of the trade through the rapid extension of the business. If you haven't received a copy you can undoubtedly acquire one by addressing a request to McKellar & Winterson, 45, 47, 49 Wabash avenue, Chicago.

SOCIETY OF AMERICAN FLORISTS.

Nathan D. Pierce, Norwood, R. I., registers new carnation Beau Ideal, a seedling of Daybreak; flowers shell pink, 2½ to 3 inches, full center, fringed, fragrant; habit upright, stems stiff; continuous bloomer.

W. J. STEWART, Secretary.

LOOK AT OUR SPECIALTIES!

FORCING PLANTS and SPRING BULBS.

Rhododendrons, finest kinds, 30c., 40c , 50c., 75c., $1.00, $1.50 to $10 each.
Lilac Marie Legraye, pot grown, $6.00 per doz., $40.00 per 100.
H. P. Roses, low budded, leading kinds, $10 per 100, $90 per 1000.
Crimson Rambler, extra strong, $15.00 per 100.
standard, $5.00 per doz., $40.00 per 100.
Azalea Mollis Hybrida, 15-20 buds, $4.00 per doz., $30.00 per 100.

Spiraea	Japonica	per 100, $ 3.50	Dielytra	Spectabilis	per 100, $ 5.00
"	Compacta	" 4.00	Paeonia	Officinalis rubra pl.	" 8.00
"	Astilboides Floribunda	" 4.00	"	alba pl.	" 20.00
"	Plumosa Alba (NEW)	" 15.00	"	Tenuifolia fl. pl.	" 18.00
"	Palmata, scarlet	" 5.00	Monthly	Roses, Hermosa, pink	" 10.00
"	" Elegans	" 5.00	"	" Agrippina, dk. red	" 10.00
"	" Alba	" 5.00	"	" Clothilde Soupert	" 12.00

JAPAN BULBS. 50,000 on hand. For pots or out-door planting.

Lilium Auratum, 8-9	per 100,	$4.50	Lil. Album, 8-9	per 100,	$5.50
" " 9-11	"	7.00	" " 9-11	"	7.50
Lil. Roseum and Rubrum, 8-9	"	4.50	Lil. Melpomene 8-9	"	5.50
" " 9-11	"	6.75	" " 9-11	"	6.75

SPECIAL PRICES ON LARGE LOTS.

TUBEROUS ROOTED BEGONIAS. Our strain is unsurpassed both in Single and Double. Don't fail to try them. ALL LARGE SELECTED BULBS.
SINGLE, white, yellow, scarlet, pink, mixed, $2.75 per 100, $25 per 1000
DOUBLE, white, yellow, scarlet, pink, mixed, $4.00 " $35 "

GLOXINIAS. Separate colors, $3.25 per 100, $32.50 per 1000.

Tuberoses, 4-6, Dwarf Dbl. Pearl, $1.00 per 100, $8.00 per 1000.
Gladiolus (for forcing), extra white and light, $2.00 per 100, $15.00 per 1000; extra fine pinks, $2.00 per 100, $15.00 per 1000.
Dahlias, in 750 varieties, all the finest in existance, field-grown clumps, both single and dbl., $8 per 100.
Caladium Esculentum. Size 5-7, $3.50 per 100; size 7-9, $5.00 per 100; size 9-11, $8.00 per 100.
Hyacinthus Candicans, $1.50 per 100.

BOXWOOD TREES. We have 1000 Specimens on hand. Call and see them.
Pyramids, perfect shape, $1.00, $1.50, $2.00, $3.00 and $4.00 each.
Standards, " 1.50, 2.50, 3.50 to $5.00 each.

100,000 CANNAS. Write for list of varieties and prices. **JAPAN BALL FERNS,** $1 per doz., $30 per 100. **BOSTON FERN,** 3 and 6-in. pots, 30c and 40c each.

Write for our Special Spring Trade List, Now Ready.

BOBBINK & ATKINS, - Rutherford, N. J.

Mention The Review when you write.

150,000 STOCK PLANTS and ROOTED CUTTINGS

NOW READY FOR IMMEDIATE DELIVERY AT POPULAR PRICES.

ROSES, Brides, Bridesmaids, Meteor, Perle, Kaiserin and Golden Gate, big strong rooted cuttings, $1.50 per 100; $12.50 per 1000. Any quantity from now on.

CARNATIONS, strong healthy cuttings, well rooted, in any quantity, embracing the 25 choicest varieties in cultivation. See our list and prices.

CERAIUMS, Bruanti, Heteranthe, Comtesse, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. J. M. Gaar, Mme. Jaulin, Frances Perkins and other varieties. All strong 2½-inch plants $3.00 per 100; $22.50 per 1000. Strong rooted cuttings of above, ready for 2½-inch pots, $1.50 per 100; $15.00 per 1000. All kinds mixed, $1.25 per 100; $10.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $6.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2½-in., strong healthy plants green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

PETUNIAS, double fringed. Henderson's and Dreer's latest sorts, including also White Fawn, Mrs. Sceller and Pink Perfection. Large rooted cuttings, ready for 2½-inch pots, $1.25 per 100 by mail; $10.00 per 1000 by express. Pure white only, $1.50 per 100.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz., $3.00 per 100. Strong rooted cuttings, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100 (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100 (special).

MARGUERITES, New California Giant White and New Golden, strong 2¼-inch, $2.00 per 100; strong R. C., $1.00 per 100.

CASH WITH ORDER.

South Side Floral Co., Springfield, Ill.

Always mention the Florists' Review when writing advertisers.

GIVE US YOUR ORDER NOW
....FOR....
Carnation Novelties
and thereby secure strong stock and earliest delivery.

EGYPT (Weber), rich, scarlet crimson, $1.50 per doz.; $10.00 per 100.

GOV. ROOSEVELT (Ward), brilliant scarlet maroon, $2.50 per doz.; $12.00 per 100.

LORNA (Dorner), Improved White Cloud, $2.00 per doz.; $10.00 per 100.

MERMAID (Dorner), salmon pink, free bloomer, $1.10 per doz.; $8.00 per 100.

NORWAY (Weber), very productive commercial white, $1.50 per doz.; $10.00 per 100.

PROSPERITY (Dailledouze), the largest, $5.00 per doz., $36.00 per 100.

QUEEN LOUISE (Dal'on), very fine white, $1.50 per doz., $10.00 per 100.

Prices on larger quantities quoted on application. Complete list of standard varieties always in stock.

Nathan Smith & Son, ADRIAN, MICH.

Mention The Review when you write.

F. B. HAYES THE BEST LATE PINK **CHRYSANTHEMUM**

Stock plants for sale. $2.00 per doz., $15.00 per 100.

WILLIAM SIM.....Cliftondale, Mass.

Mention The Review when you write.

Hardy Pinks Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.
Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 86 W. 12th St., HOLLAND, MICH

NEW CARNATIONS

Now is the time to place your orders.

NOVELTIES FOR 1901.

	Per 100	Per 1000
GOV. ROOSEVELT (Ward.) The finest crimson	$12.00	$100.00
GOLDEN BEAUTY (Ward.) A grand yellow	12.00	
NOVELTY (Ward.) A fancy yellow	12.00	
LORNA (Dorner.) A grand white	10.00	75.00
MERMAID (Dorner.) A delicate pink	6.00	50.00
PROSPERITY (Dailledouze.) An immense fancy	16.00	130.00
DOROTHY (Graves.) A free pink	10.00	75.00
CALIFORNIA GOLD (Sievers.) Free blooming yellow	$10.00	$75.00
NORWAY (Weber.) A fine white	10.00	75.00
QUEEN LOUISE (Dillon.) A prolific white	10.00	75.00
SUNBEAM (C. C. Co.) Light pink	10.00	75.00
BON HOMME RICHARD (C. C. Co.) White blush	10.00	75.00
NYDIA (C. C. Co.) Variegated white	10.00	75.00
PROLIFICA (C. C. Co.) Cerise pink	10.00	75.00

Also Lawson, Morning Glory, Olympia, Marquis, Lord, Crocker, Crane, Maceo, Gomez, Bradt, White Cloud, Scott, Dean, McGowan, Bon Ton, etc.—ALL FIRST CLASS STOCK.

BEGONIA GLOIRE DE LORRAINE

A few extra strong plants from 3-inch pots for immediate delivery, at $17.50 per 100.
A fine stock of plants for May, June and July delivery at $15.00 per 100, $140.00 per 1000.

THE COTTAGE GARDENS, QUEENS, N. Y.

Mention The Review when you write.

THE BIG FOUR.

OUR INTRODUCTIONS OF NEW CARNATIONS FOR 1901.

		Per doz.	Per 100	Per 1000
Sunbeam:	Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems	$1.50	$10	$75
Bon Homme Richard:	White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long	1.50	10	75
Nydia:	Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem	1.50	10	75
Prolifica:	Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer	1.50	10	75

First lot ready February 1, of the above four varieties.

OTHER INTRODUCTIONS.

	Per doz.	Per 100	Per 1000
GOV. ROOSEVELT	$2.50	$12.00	$100.00
PROSPERITY	5.00	16.00	130.00

	Per doz.	Per 100	Per 1000		Per doz.	Per 100	Per 1000
NORWAY	$1.50	$10.00	$75.00	**EGYPT**	$1.50	$10.00	$75.00
LORNA	1.50	10.00	75.00	**MERMAID**		6.00	50.00
IRENE	1.50	10.00	75.00	**DOROTHY**	1.50	10.00	75.00

OTHER VARIETIES.

		Per 100	Per 1000
Mrs. Thos. W. Lawson	cerise pink	$7.00	$60.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
America	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Maceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
Jubilee	scarlet	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Evelina	white	1.00	8.00
Armazindy	variegated	1.00	8.00

Rooted Cuttings of Standard Varieties Ready Jan. 1. Write for Descriptive Catalogue.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

ROSE CUTTINGS.

Following varieties:—Woottons, Meteors, Brides, Maids, K. A. Vic., Perles, Beauties, Golden Gate, La France, Belle Siebrecht, Pres. Carnot.

A No. 1 Stock. Satisfaction Guaranteed. Write

GEO. A KUHL, - PEKIN, ILL.

Mention The Review when you write.

Trying—to—do—business—without advertising—is like winking—at a girl—in the dark; you know what you are doing but—nobody else does.

NOVELTIES OF CHRYSANTHEMUMS, CARNATIONS, CANNAS and GERANIUMS, our SPECIALTY

Preliminary List Now Ready. Free to All Applicants.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

LETTUCE, Big Boston and Boston Market, and other varieties, 15c per 100, $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE, Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO, Mayflower, Dwarf Champion and Lorillard, from seed bed, for transplanting, 50c per 100. Post paid.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON, WHITE MARSH, MD.

Mention The Review when you write.

FANCY CARNATIONS

We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
MAROON.		
Gen. Macco	2.00	15.00

RED.	Per 100	Per 1000
G. H. Crane	$3.00	$25.00
America	3.00	25.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

...BASSETT & WASHBURN

STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

Mention The Review when you write.

SANTA CRUZ, CAL.

The florist trade in Santa Cruz has been good the last month.

Mr. T. Thompson, the carnation expert, had more orders for Christmas week than he could fill.

Mr. T. Thrift, an old, all-around gardener, has returned from a six months' trip through Oregon and Washington.

The weather this winter has been so mild that dahlias, not taken up, have started to grow again, thinking it was spring. But this morning gave them a lesson. The thermometer was at 27, which is the coldest for three years, and everybody was pleased with the bright, clear, frosty morning. I had some fuchsias in flower outside that did not seem to mind 5 degrees of frost. Callas looked bad for an hour or two, but the foliage came out all right, though the flowers were spoiled. Paper white narcissus are past their best. Double Romans are at their best. Campernellus, jonquils, and Trumpet daffodils in the open field, are showing the first flowers.

Santa Cruz.

PRUNING MARECHAL NIEL.

I would like to know how to prune Marechal Niel. I have twelve big plants about fifteen feet high (in my rose house), but they bloom very sparingly.

Southerner.

Allow the wood to ripen thoroughly before pruning. Cut out any surplus wood so as to admit air and light. The plants or branches in general should not be cut back much, say not over one-third of their length. M. Stauch.

Newark, N. J.—The New Jersey Floricultural Society at its monthly meeting Jan. 2 installed these officers: President, John Hayes; vice-president, Diederick Kindsgrab; secretary, George Smith; treasurer, Malcolm MacRorie; standing committees were appointed.

Madison, Wis.—Victor Wayman reports an excellent Christmas trade, especially in flowering plants.

NOTICE! TO WHOM IT MY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100. for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by

F. W. O. SCHMITZ, Jersey City, N. J.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

XXX SEEDS

VERBENA GRANDIFLORA. The finest large flowering varieties grown. Mixed, 800 seeds, 50 cents.

CHINESE PRIMROSE. Finest grown. Large flowering fringed. 15 varieties, single and double, mixed, 50 seeds, $1; half pkt., 50 cents.

PANSY—FINEST GIANTS. Extra fine; the best of the mammoth flowering varieties, mixed. 3,500 seeds, $1.00; half pkt., 50 cents.

JOHN F. RUPP, - - Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

For Particulars Address

JOHN G. ESSLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Hastings, Mich.—Last fall Mr. J. N. Burroughs put in a new hot water system, which is giving good satisfaction; he also built one house 20x32, and in the spring will put up two more, one 20x40 and one 15x100. Mr. Burroughs' Christmas trade was first class. Everything cleaned up and the crop cut close. He says he has no reason to growl, only for more sunshine.

NICE PLANTS. Per 100

Alternantheras, yellow, **$1.75**; red,	**$2.00**
Geraniums, my selection	3.00
Coleus Mix and Ageratum	2.00
Asparagus Sprengeri	2.00
Vinca Vines	3.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $3.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Geraniums, 2½-in., all named, $2.50 per 100; $20.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

S. D. BRANT, Clay Center, Kans.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention The Review when you write.

167,000 ROOTED CARNATIONS

READY TO SHIP.

	Per doz.	Per 100	Per 1000
A. Mitting, clear light cream, 1901	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
De Roo Mitting, white, fine, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.), 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.), 1901	1.50	10.00	75.00
Nydia (C. C. Co.), 1901	1.50	10.00	75.00
Prollifica (C. C. Co.), 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Pink sport from Victor & Armazindy, (Hill), 1901	1.50	10.00	75.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.50	10.00	75.00
Mrs. Thos. W. Lawson, cerise pink		7.00	60.00
Olympia, variegated		4.50	38.00
Genevieve Lord, light pink		4.50	38.00

25 at 100 rate.

	Per 100	Per 1000
Ethel Crocker, pink	$3.75	$33.00
Morning Glory, shell pink, fine	3.75	33.00
Mrs. G. M. Bradt, variegated	2.75	23.00
G. H. Crane, scarlet	2.75	23.00
Chicago, scarlet	2.75	23.00
America, scarlet	2.75	23.00
Gold Nugget, yellow	2.75	23.00
Gen. Maceo, crimson	2.00	15.00
Peru, white	3.00	25.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	1.75	14.00
Mrs. P. Joost, pink, fine	1.75	14.00
Flora Hill, white	1.50	11.00
Argyle, cerise pink	1.50	11.00
Daybreak, shell pink	1.50	12.00
William Scott, pink	1.00	10.00
Armazindy, variegated	1.00	10.00

250 at 1000 rate.

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

WE ROOT 10,000 CARNATIONS A WEEK.

....PLANTS....

	Per 100
Asparagus Plumosus Nanus, 3½-in.	$5.00
True Boston Fern, 3½-in.	5.00
True Boston Fern, extra strong, 2¼-in.	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in.	1.50
10,000 Sedum variegatum, 2¼-in.	1.50
10,000 Cigar plants, 2¼-in.	1.50

25 Plants at 100 rate.

	Per 100
10,000 M. Louise violets, 2¼-in.	$1.50
30,000 Coleus, 10 named varieties, 2¼-in.	1.50
5,000 California Moss, for baskets, 2¼-in.	1.50
5,000 Choice Mixed Geraniums, 2¼-in.	1.50
5,000 Jerusalem Cherries, 2¼-in.	1.50
1,000 Vinca variegatum, 2¼-in.	1.50

Cash or C. O. D.

Hygrometer or Moisture Gauge.

THIS Moisture Gauge tells you the difference between dryness and dampness in your greenhouses. We have been testing two of these moisture gauges several months and find they are more indispensible than the thermometer. If you keep this moisture gauge at 70 degrees you will have neither mildew nor red spider in your rose houses. If you keep it at 80 degrees you will not have rust nor red spider in your carnation houses. If you keep it at 85 degrees you will never have fungus in your rooted cutting houses. If you keep it at 75 degrees you will not have decayed leaves in your geranium houses; and if you have a moisture gauge in every house 100 feet long and keep it at above figures you will make at least $100 more per year from each house. Who wants to buy mildewed roses or rusty carnations?

To operate this moisture gauge it is essential to wet the walks in order to get the proper dampness. If your houses are too damp in winter, fire up a little and in the summer time open your ventilators. This has been obtained only by years of experience. Now you can tell your greenhouse hands to keep it at 70 or 80 degrees as you want it, just the same as you tell your fireman to keep the temperature in such a house at 60 degrees. We never had any intention to sell moisture gauges, but they are doing us so much good we have obtained some we can sell at $2.50 each, but we think you will want more. These moisture gauges are made in Germany and France. The French machines come at $10.00 each; they are quite an ornament and no cheap truck. We will give one of the $2 50 machines FREE for a $20.00 order for plants, or rooted cuttings, or unrooted cuttings, from our 1901 catalogue, or from our ads. in the trade papers; or we will send you one for $2.50, and after 10 days' trial if you do not like it you may return it and get your money back.

THE MORRIS FLORAL CO., MORRIS, ILL.

THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., - Flatbush, N. Y.

Mention The Review when you write.

DENVER, COLO.

Various Notes.

Trade since Christmas has been very good, the week between Xmas and New Year's being very lively. Trade on the latter occasion was better than expected and stuff ran a little short. Violets and Beauties were much in demand. Not so good prices were realized as at Xmas, the prices being dropped 25 per cent.

A sudden change of temperature hindered some, and for three days it showed from zero to 20 below. Not so bad for stock, perhaps, but it raised—well, the clerks didn't like it, any way.

Several of the stores have been busy with funeral work lately. Pneumonia is very prevalent.

The greenhouses around town show up rather slim after their Xmas clean up, but already good Easter stock is in evidence.

The bowling club has not been doing much lately, but a few of the "steadies" may be seen around the alleys on Tuesday nights. Did I hear somebody say something about the "mighty" and the "great"? Now, my left-handed friend, a few words will quiet you. We are not doing much in the way of scores, as we find the alleys difficult. A few of us, though, are doing first rate, but not as florists. Several of us are entered on the City League, in which the great John Berry stands third with an average of 165 for twenty-four games and Manff is fifth with 163 for the same number of games. Scott has won a turkey and a hat for high scores in a week, but is now saving his strength to roll against the All Stars when they visit Denver the latter part of this month. Now, J. B., we have several more cracks (?) just like these three, and to prove that we can do a St. Louis five, I hereby challenge you on behalf of the Denver team to roll a match game in Denver during Easter week, April 6th preferred. Haldie or spiel. ROCKY.

THE GALVESTON FLORISTS.

Treasurer Edgar Sanders, of the Chicago Florists' Club, reports the receipt of $15.00 for the Galveston fund from the Kentucky Society of Florists, Louisville. This, in addition to the $558.10 previously reported, makes a total up to date of $573.10, that has passed through his hands for the benefit of the trade sufferers from the Galveston flood.

WHEN you don't know what to do, look through the Florists' Manual, by Wm. Scott, for helpful suggestions.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100, ... $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write

"Hoosier Maid."

New Pure White Carnation. This is not a variety that will bring $6.00 a doz. in New York or any other market, but it will give you more and better flowers than any other white now in commerce. With us it averages in size with Flora Hill, but the stems are extra strong and calyx non-bursting, it is decidedly a mid-winter bloomer, although it blooms continually the season through. It is an extra strong grower of the Daybreak type and has never shown a trace of disease. It should be grown cool.

Price $1.50 a dozen; $10.00 per 100; $80.00 per 1000.

A. RASMUSSEN, NEW ALBANY, IND.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Always mention the Florists' Review when writing advertisers.

Now Ready!

Mrs. Lawson, $7.00 per 100; $60.00 per 1000. Olympia, $6.00 per 100; $50.00 per 1000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1000. Ethel Crocker, $4.00 per 100; $30.00 per 1000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1000.

DANA R. HERRON, Olean, N.Y.

Mention The Review when you write.

GERANIUMS. Fine large plants; S. A. Nutt, Grant, Red Bruant, LaFavorite and Pink, 2½-in., ready for shifting, $2.50 per 100; $22.00 per 1000.

SAMUEL WHITTON, 15-17 Gray Ave., Utica, N. Y.

Mention The Review when you write.

NORWAY.

The biggest commercial white carnation ever introduced. A business, money-making carnation in every sense of the word. It combines large size (3½-in. diam.), length and strength of stem, wonderfully vigorous, growth free, uninterrupted, continuous profusion of blooms. Flowers open very quickly; no waiting three or four days for them to develop. Like Genevieve Lord it blooms early and keeps it up. We unhesitatingly recommend it to every grower as the best white. If you grow Norway you will not be compelled to grow several varieties in order to keep up a succession. Its sterling worth must at once be apparent.

EGYPT.

Scarlet crimson. The first really good dark carnation which can boast of first-class commercial stems (2½ to 3 feet) and a rich, spicy odor. It is regal in appearance; possesses all of the attributes of a first-class commercial carnation; it is decidedly the best keeper of all dark varieties. Does not bloom as early as some varieties, but can be had in good flower by November 1st to 15th. Its rich color, about same shade as Jacque Rose, makes it a ready seller. The stiff stem gives it that substantial appearance which always insures a good price. It is so distinct that every grower should have it.

Price of the above two varieties $1.50 per doz., $10 per 100, $75 per 1000.

READY FEBRUARY 15th.

GENEVIEVE LORD.

The only pink carnation which can rightfully lay claim to the proud prestige of having superseded the hitherto invincible William Scott. It is not only as good as Scott was in its palmiest days, but is actually superior to that variety in every way. Certainly a large claim, but one which is fully borne out by facts. In addition to this, Genevieve Lord commands a price beyond the reach of the best Scotts which ever grew. A carnation like this is only produced once in a great while. Our stock is in extra fine shape, free from all disease. Ready now. Order at once. It is having a great second year run.

Price $6 per 100, $50 per 1000.

The above three varieties are a great trio.

PROSPERITY, ROOSEVELT, IRENE, QUEEN LOUISE, DOROTHY, LORNA, MERMAID and other new varieties at introducers' prices. . . . . .

There is wisdom in placing your order early.

Chrysanthemum Timothy Eaton and all other good new varieties. Also the best standard sorts. Let us book your order now for future delivery.

H. Weber & Sons, Oakland, Md.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt.	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $50.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

GENEVIEVE LORD

The peer of Pink Carnations. Orders taken now for Rooted Cuttings, ready for delivery after January 15. $5.00 per 100, $40.00 per 1000. Also

Perle Rose Cuttings,
$2.00 per 100, $15.00 per 1000.

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at the last Chicago exhibition.

Rooted Cuttings ready March 1st. Price, **$8.00** per 100; **$60.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

Do you want a few fine

Mrs. Fisher Carnations

for Summer Blooms.

We have about 2000 to spare, in 2-inch and now ready for a shift. Write

GEO. A. KUHL, PEKIN, Ill.

Mention The Review when you write.

CHRYSANTHEMUM NEW GOLD SMITH,

Cream yellow, tinted with bronze, sport from Pres. W. R. Smith; finest of its color; a grand flower. Plants delivered first of March.

Price $2.00 per dozen.

H. L. RAGAN, SPRINGFIELD, OHIO.

P. O. Box 166.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, variegated, trailing, 2¼-in., $4.00; 3-in., $6.00 per 100. Rooted cuttings of same, $1.50 per 100. Abutilon Savitzi, rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

ACALYPHA.

Acalypha marginata, 2½-in., $3.00; 3-in. $4.00, 4-in. $6.00 per 100. Nanz & Neuoer, Louisville, Ky.

AGERATUM.

Ageratum Princess Pauline, R. C., 75c per 100; 2 in. pots, ready for shift, $2.50 per 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums Stella Gurney and Dwarf White, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. South Side Floral Co., Springfield, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum, blue and variegated, 3 in., $3.00 per 100. Geo. W. Fetzer, Allentown, Pa.

Ageratums, $2.00 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, red, yellow and pink, 2¼-in., 4 months old, $2.00 per 100. Mrs. Huldah Salveson, Petersburg, Ill.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternanthera, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100; $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100. Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Double alyssum, 2 in. pots, $2.50 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, out of 2 in. pots, $2.00 per 100. Geo. W. Fetzer, Allentown, Pa.

ANTHERICUM.

Anthericums, 2¼-in., $4.00, 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

ARAUCARIAS.

	Each.
Excelsa, 4-inch, nice plants	$0.50
Excelsa, 4-inch, better plants	.75
Excelsa, 5-inch, nice plants	1.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, Chicago.

Cryptomeria Japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	$ .50	$ 4.00
Sprengeri	3-inch	1.00	8.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	.....

The several sizes of Asparagus Sprengeri are especially strong and large value.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Plumosus Nanus, 2½ inch pots..... $ 5.00 per 100
3 inch pots..... 6.00 "
4 inch pots..... 12.00 "
Sprengeri, 2½ inch pots..... 2.00 "
3 inch pots..... 5.00 "
4 inch pots..... 8.00 "
The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, from 2½inch pots, $2.50 per 100; $20.00 per 1,000. From 4-in. pots, $1.00 per doz., $6.00 per 100. Asparagus P. Nanus, from 4-in. pots, $1.00 per doz., $8.00 per 100. Asparagus Tenuissimus, nice 2½-in. plants, $3.00 a 100. Cash. The John A. Doyle Co., Springfield, O.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $2.50 per 100; $20.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

A. Sprengeri, 2¼-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $3.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus. Extra fine. To clear out, 2½ pots, $6.00 per 100; $50.00 per 1,000.
Charles Zimmer, West Collingswood, N. J.

Sprengeri, strong 2½-in., $3 per 100. Strong 3-in., $4 per 100. Kennedy & Farnham, Carrollton, Mo.

A. Sprengeri, 1,500 XX 3-in., $3.50, 500 XX 4-in., $6.00 per 100 cash. Roney Bros., West Grove, Pa.

A. Sprengeri, strong plants, 2½-in. $2.00, 3-in. $6.00 per 100. Nanz & Neuer, Louisville, Ky.

A. plumosus nanus, 4-in., $10.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

A. Sprengeri, $2.00 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $2.00, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 2½-in. pots, $12.00 per 1000.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds, 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azalea mollis hybrida, 15-20 buds, $4.00 per doz.; $40.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

Tuberous rooted begonias. All large selected bulbs. Single—white, yellow, scarlet and pink, mixed, $2.75 per 100; $25.00 per 1000. Same colors in double, $4.00 per 100; $35.00 per 1000. Bobbink & Atkins, Rutherford, N. J.

Ricinifolia and speciuata, 3-in., $7 per 100. Kennedy & Farnham, Carrollton, Mo.

Begonia manicata aurea, 4-in., $1.50 per doz. A. J. Baldwin, Newark, Ohio.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 3c. Cash, please. R. G. Hanford, Norwalk, Conn.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

BROWALLIA.

Browallia major, 2-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BULBS.

TULIPS. Cottage Maid, Chrysolora, D. de Parma, Joost van Vondel, La Reine, Rose grisde-lin, Yellow Prince, La Candeur, Parrots, double and single to color. Any of these, 100, 50c; 1,000, $4.50; 10,000, $40.00.

Tuberous Rooted Begonias, single flowers, 1 to 1¼-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 60c; 100, $3.50.

	Doz.	100.
Double flowers, separate colors, extra, first size	75c	$5.00
Second size	50c	4.00
Gloxinias, very large bulbs, mixed	60c	3.00
Gloxinias, separate colors	60c	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
H. H. Berger & Co., 47 Barclay St., New York.

Lillium auratum, prime stock, 7-9 inches, 50c per doz, $3.75 per 100, $35.00 per 1,000; 9-11 inches, 35c per doz, $2.25 per 100, $20.00 per 1,000; 11-15 inches, $1.70 per doz., $12.00 per 100, $120.00 per 1,000. Tuberoses due first week in January. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla Bulbs Delivered. 1 to 1¼ in. diam., $2.00 per $100, $25.00 per 1,000; ⅝ to 1 in. diam., $2.00 per 100, $17.00 per 1,000; ⅝ to ⅞ in. diam., $1.35 per 100, $11.50 per 1,000; sets 1½ to 2 in. long, 60c per 100, $5.00 per 1,000. Mrs. Theodosia E. Shepherd, Ventura-by-the-Sea, California.

Gloxinias, separate colors, $5.25 per 100; $32.50 per 1,000. Tuberoses, 4-6, dwarf double Pearl, $1.00 per 100; $5.00 per 1000. Caladium esculentum, 5-7, $3.50 per 100; 7-9, $5.00; 9-11, $8.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 4 to 7 inch, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Surplus at reduced prices. Japan Lilium longiflorum, 6 8 in., $24.00, 7 to 9 in., $34.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lillies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Lilium auratum. Sizes 8-9 and 9-11 on hand. Prices on application. Suzuki & Iida, 11 Barclay St., New York.

Caladium esculentum, 1st size $2.00, 2d size $1.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

Japan bulbs. All kinds. Write for prices. Bobbink & Atkins, Rutherford, N. J.

If you read these advs. others would read yours.

CANNAS.

New Cannas. Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas Pennsylvania and Kate Gray, also the cream of Crozy's most recent introductions, such as: Countess de Breteuil, Mme. Louis Druz, Souv. de Mme. Nardy, Chas. Molin, J. Aymard, C. Drevet and Mme. Alfred Blanc. In standard varieties we have a large stock of the following and other favorites: Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Florence, etc. Nathan Smith & Son, Adrian, Mich.

100,000 cannas. Write for prices and list of varieties. Bobbink & Atkins, Rutherford, N. J.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CACTI.

Cereus flagelliformis. Large bloomers, $3.00 per doz.; small plants, 85c per doz.; $6.00 per 100; cuttings, $2.00 per 100; $15.00 per 1,000. Cash. Mrs. M. E. Patterson, Glendale, Cal.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CARNATIONS.

ROOTED CARNATION CUTTINGS

We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

	100.	1,000.
PINK.		
Triumph	$1.50	$12.50
Wm. Scott	1.00	8.00
Painted Lady	2.50	20.00
Daybreak	1.50	10.00
Argyle	2.00	15.00
Mrs. Frances Joost	2.50	20.00
McBurney	2.50	20.00
Tidal Wave	1.50	12.50
Victor	1.50	12.50
New York	2.00	15.00
Kathleen Pantlind	5.00	40.00
Melba	3.50	30.00
Glacier	10.00	75.00
Mrs. Jas. Dean	2.00	15.00
Albertini	2.50	20.00
Mrs. C. H. Duhme	2.50	20.00
C. A. Dana	1.50	10.00
Nancy Hanks	2.00	15.50
Ethel Crocker	4.00	35.00
The Marquis	5.00	40.00
Mrs. Thos. Lawson	6.00	50.00
Genevieve Lord	5.00	40.00
Leslie Paul	5.00	45.00
Cerise Queen	2.50	25.00
Pink Beauty	5.00	40.00
WHITE.		
Flora Hill	1.50	10.00
Mary Wood	2.50	25.00
Evelina	1.00	8.00
White Cloud	2.00	15.00
John Young	2.00	15.00
Lizzie McGowan	1.50	10.00
Alaska	1.50	12.00
Storm King	2.00	15.00
Lily Dean	2.50	20.00
Snow Queen	2.50	20.00
Silver Spray	1.50	10.00
Glacier	4.00	35.00
Peru	5.00	40.00
RED.		
Evanston	2.50	20.00
Dazzle	2.50	20.00
Jubilee	2.00	15.00
Portia	1.50	10.00
Bon Ton	1.50	10.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Dorothy Sweet	2.50	20.00
Uncle Walter	2.50	20.00
Emily Pearson	1.50	12.00
Cerise Queen	2.50	20.00
Red Mrs. Bradt	3.00	25.00
Morello	1.50	10.00
Firefly	1.50	10.00
Maud Adams	3.50	30.00
Chicago	3.00	25.00
YELLOW.		
Mayor Pingree	1.50	20.00
Gold Nugget	2.50	20.00
MAROON.		
Empress	2.50	20.00
Gen. Maceo	2.00	15.00
Gen. Gomez	2.00	15.00
Meteor	2.00	15.00
VARIEGATED.		
Mrs. Geo. Bradt	3.00	25.00
Armazindy	1.50	10.00
Olympia	6.00	50.00
Psyche	1.60	10.00
NEWER VARIETIES.		
Bon Homme Richard, white	10.00	75.00
Nydia, variegated	10.00	75.00
Sunbeam, light pink	10.00	75.00
Prolifica, deep pink	10.00	75.00
Morning Glory, light pink	4.00	35.00

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Rooted Carnation Cuttings. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.60	20.00
Mrs. Geo. M. Bradt	2.00	17.50
Chicago (Red Bradt)	3.00	25.00
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.60
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$7.00	$60.00
Olympia, variegated	6.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
America, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	16.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
Jubilee, scarlet	2.00	15.00
John Young, white	1.60	12.00
Flora Hill, white	1.60	12.00
Argyle, cerise pink	1.60	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, variegated	1.00	8.00

Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00
Other introductions:			
Gov. Roosevelt	2.50	12.00	100.00
Prosperity	5.00	16.00	130.00
Norway	1.50	10.00	75.00
Lorna	1.50	10.00	75.00
Irene	1.50	10.00	75.00
Egypt	1.50	10.00	75.00
Dorothy	1.50	10.00	75.00
Mermaid		6.00	50.00

CHICAGO CARNATION CO, JOLIET, ILL.

ROOTED CARNATION CUTTINGS. Ready to ship. A. Mitting, clear, light-cream, Mrs. A. Mitting, clear pink, De Roo Mitting, white, Sunbeam, Bon Homme Richard, Nydia, Prolifica, California Gold, pink sport from Victor and Armazindy, Queen Louise, Irene, Lorna and Mermaid. all 1901 introductions, $1.50 per doz, $10.00 per 100, $75.00 per 1,000.

	100.	1,000.
Mrs. Thos. W. Lawson, cerise pink	$7.00	$60.00
Olympia, variegated	4.50	38.00
Genevieve Lord, light pink	4.50	28.00
Ethel Crocker, pink	3.75	33.00
Morning Glory, shell pink, fine	3.75	33.00
Mrs. G. M. Bradt, variegated	2.75	23.00
G. H. Crane, scarlet	2.75	23.00
Chicago, scarlet	2.75	23.00
America, scarlet	2.75	23.00
Gold Nugget, yellow	2.75	23.00
Gen. Maceo, crimson	2.00	15.00
Peru, white	3.00	25.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	1.75	14.00
Mrs. F. Joost, pink, fine	1.75	14.00
Flora Hill, white	1.50	11.00
Argyle, cerise pink	1.50	11.00
Daybreak, shell pink	1.60	12.00
William Scott, pink	1.00	10.00
Armazindy, variegated	1.00	10.00

All rooted cuttings subject to your approval upon arrival.

MORRIS FLORAL CO., Morris, Ill.

CARNATIONS.

Rooted cuttings now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	6.00	50.00
Crocker	5.00	45.00
Lord	5.00	45.00
Peru	5.00	45.00
Marquis	5.00	45.00
Crane	3.00	25.00
America	3.00	25.00
Bradt	3.00	25.00
Pingree	3.00	25.00
Morning Glory	3.00	25.00
Glacier	3.00	25.00
White Cloud	2.00	17.50
Jubilee	2.00	17.50
Maceo	2.00	17.50
Wood	2.00	17.50
Daybreak	1.50	12.50
Flora Hill	1.50	12.50
Triumph	1.50	12.50
Joost	1.50	12.50
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show as to quality of our stock.

W. I. & M. S. VESEY, Fort Wayne, Ind.

NEW CARNATIONS FOR 1901.

Lorna, Irene, Dorothy, Norway and Egypt. $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES. Morning Glory and Crocker $4.00 per 100, $30.00 per 1000; Lawson $7.00 per 100, $60.00 per 1000; G. Lord $6.00 per 100, $50.00 per 1000. Marquis, Olympia and Peru $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.

F. DORNER & SONS CO., LaFayette, Ind.

NORWAY. The biggest commercial white carnation ever introduced. A money-making, money making carnation in every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and a rich, spicy odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Ready Feb. 15.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond the reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $6.00 per 100; $50.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

Rooted carnation cuttings ready for immediate shipment; all fine and well-rooted stock:

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Sunbeam	10.00	75.00
Prolifica	10.00	75.00
Marquis	5.00	40.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Mrs. Geo. Bradt	3.00	25.00
G. H. Crane	3.00	25.00
Chicago	3.00	20.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Mrs. F. Joost	1.50	12.00
Mrs. J. Dean	2.00	15.00
Jubilee	1.50	12.00
Flora Hill	1.50	12.00
Daybreak	1.50	12.00
Evelina	1.00	8.00
Triumph	1.50	12.00

JOSEPH LABO, Joliet, Ill.

NEW CARNATIONS. Now is the time to place your orders.

	100.	1,000.
Gov. Roosevelt, crimson	$12.00	$100.00
Golden Beauty, yellow	12.00	....
Novelty, fancy yellow	12.00	....
Lorna, white	10.00	75.00
Mermaid, delicate pink	6.00	50.00
Prosperity, an immense fancy	16.00	130.00
Dorothy, a free pink	10.00	75.00
California Gold, yellow	10.00	75.00
Norway, white	10.00	75.00
Queen Louise, white	10.00	75.00
Sunbeam, light pink	10.00	75.00
Bon Homme Richard, white blush	10.00	75.00
Nydia, variegated white	10.00	75.00
Prolifica, cerise pink	10.00	75.00

Also Lawson, Morning Glory, Olympia, Marquis, Lord, etc. All first-class stock.

THE COTTAGE GARDENS, Queens, N. Y.

ROOTED CARNATION CUTTINGS, ready for shipment Feb. 15.

	100.	1,000.
Genevieve Lord	$5.00	$40.00
Ethel Crocker	4.00	35.00
Gold Nugget	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. G. M. Bradt	3.00	25.00
Mrs. Frances Joost	2.00	15.00
Daybreak	2.00	15.00
Victor	2.00	15.00
Mary Wood	2.00	15.00
White Cloud	2.00	15.00
McGowen	1.00	8.00
Cardinal	1.60	12.00
Albertini	1.50	12.00
W. Scott	1.00	8.00

Orders booked and shipped in rotation.

BROWN & CANFIELD, Springfield, Ill.

CARNATIONS.

We offer choice rooted cuttings, first-class in every way, at following prices:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.60	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

CARNATIONS FOR PROFIT.

	100	1000
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

Carnations. All well rooted.	100.	1,000.
White Cloud	$ 3.00	$25.00
Flora Hill	3.00	25.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	3.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	6.00	50.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

New carnation Elenor Ames. The best deep pink carnation ever introduced. Deeper color, larger flowers, stronger grower and produces more blooms per plant than its parent, Wm. Scott. Does not burst. A continuous bloomer. Has been grown for five years. Plants free from all disease. Rooted cuttings ready February 1, $1.50 per doz., $10 per 100, $75 per 1,000. D. Carmichael, Wellesley, Mass.

CARNATIONS.
ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$35.00
America	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

CARNATION NOVELTIES. Egypt, $1.50 per doz., $10.00 per 100. Gov. Roosevelt, $2.50 per doz., $12.00 per 100. Lorna, $2.00 per doz., $10.00 per 100. Mermaid, $1.00 per doz; $6.00 per 100. Norway, $1.50 per doz., $10.00 per 100. Prosperity, $5.00 per doz., $16.00 per 100. Queen Louise, $1.50 per doz; $10.00 per 100. Prices on larger quantities quoted on application. N. SMITH & SON, Adrian, Mich.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $8.00 per 100; $60.00 per 1000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

Carnation and Rose Cuttings. If you are in need of either make out your list, send to us and let us quote you our prices. We are wholesale growers of all the newer varieties of Carnations and Roses and can save you money. WEILAND & RISCH, Wholesale Florists, 59 Wabash ave., CHICAGO.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Dorothy, seeding pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $75.00 per 1000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1000. E. T. Grave, Richmond, Ind.

HOOSIER MAID, the ideal commercial white, $1.50 per doz., $10.00 per 100, $80.00 per 1,000. A. Rasmussen, New Albany, Ind.

Marquis, Crocker, $5.00 per 100; $40.00 per 1000. Hill, Jubilee, Daybreak, Eldorado, $1.60 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1000. Samples free. Stock guaranteed. Union Street Greenhouses Co., Geneva, N. Y.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties. A. M. HERR, Lancaster, Pa.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1000. Prosperity, $16.00 per 100; $130.00 per 1000. Cottage Gardens, Queens, N. Y.

100,000 rooted cuttings ready to ship. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Rooted carnation cuttings. Standard varieties. E. A. Llewellyn, Olean, N. Y.

Lawson, $5.00; Ethel Crocker, Genevieve Lord and Marquis, $3.50; Bradt, Crane, Maceo and Gomez, $2.50; White Cloud, Mary Wood and Flora Hill, $1.50 per 100.
E. C. Keck, Washington, Iowa.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Mrs. Fisher carnations for summer blooms. We have about 2000 to spare. They are in 2-in. and now ready for a shift. Write Geo. A. Kuhl, Pekin, Ill.

Genevieve Lord. Orders taken now for rooted cuttings (Jan. 15th delivery) at $5.00 per 100; $40.00 per 1000. J. F. Ammann, Edwardsville, Ill.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75 00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Mrs. Fisher for summer flowering. Well rooted cuttings, $8.00 per 1,000. Andrew Christensen, Stoneham, Mass.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

R. C. carnations, 25 choicest vars. in cultivation. South Side Floral Co., Springfield, Ill.

2,000 rooted Portia cuttings, $3.00 per 100. Cash. H. H. Dunn & Co., Saxonville, Mass.

CHRYSANTHEMUMS.

Chrysanthemums. Our introductions. Iolantha, an early incurved pink, best yet produced. Omega, second early yellow of the V. Morel type. Mrs. Elmer D. Smith, a closely incurved Japanese variety; an improvement on Maj. Bonnaffon. All of the above have been certificated by the C. S. A. Price 50c each; $5 per doz.; $35.00 per 100. Ready April 1st, 1901. Eight New Pompons, possessing new forms and colors and including several light pinks that are very desirable. Argenta, Zeroff and Rosina are our three Mizpah Seedlings, pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class. Phallena (Double Mizpah); the above 25c each; $2.50 per doz. Ready April 1, 1901. We are also booking orders for Timothy Eaton, the sensation of the season. 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1, 1901. We can furnish all novelties that will be disseminated the coming season at introducers' prices. In European Novelties we have the following to offer: Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Walleroo, Miss May Manser, Mrs. Barkley, Mrs. Ritson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Annie Prevost, Sunset, Miss Alice Byron, Mdlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone; prices and descriptions on application. Tested Novelties of 1900, from 2 1-4-inch pots; ready February 1, 1901. Gold Mine, Col. D. Appleton, Orizaba, 10c each; $8.00 per 100. Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba and Walter Molatsch, 10c each; $6.00 per 100. Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Stock plants, variety unexcelled, from benches and 8-in. pots, packed light $5 per 100; 6 per cent for cash with order. White: Mme. Bergman, Ivory, Merry Christmas, White Swan, Mrs. Jerome Jones, Mrs. H. Robinson, Queen, Niveus, Domination, Yanoma, Evangeline, Wanamaker. Pink: Autumn Glory, Harry Balsley, V.-Morel, Glory of the Pacific, Helen Bloodgood, Pink Ivory, Pres. Smith. Red: Cullingfordii. Yellow: Clara Goodman, Eugene Dailledouze, Hicks Arnold, Harry May, Mrs. L. C. Maderia, Golden Wedding, W. H. Lincoln, Yellow Fellow, Golden Hair, Harry Hurrell. 25 at 100 rate. John J. Arnold, Homer, N. Y.

Chrysanthemum stock plants, in fine condition; packed with care; satisfaction guaranteed. Ivory, Fitzwygram, Robinson and 20 others, 6c each. Perrin, Iora, Constable, King and the early yellow Fitzwygram, 10c each. Mrs. Baer, Mlle. Faure and Chadwick, 15c each. Shilo and Xeno, 25c each. 10 per cent discount on all orders received before Jan. 1, and we prepay express on orders of $2.60 or more. We are booking orders now for Col. Appleton, Shilowa, Monrovia, Xeno and others at $6.00 per 100. Cottage Greenhouses, Litchfield, Ill.

Earliest of all, Fitzwygram chrysanthemum. Strong stock plants, white and yellow; also Bassett, Robinson, Hallock, Pacific, Ivory and Bonnaffon at 50c per doz. Later on will have, at same price, Christmas, Rieman, Yanoma and Jones. C. W. Reimers, Station A, Hite Ave., Louisville, Ky.

Chrysanthemum, New Gold Smith, cream-yellow tinted with bronze; a sport from W. R. Smith, the finest of its color. A grand flower. Plants delivered Mar. 1. Price, $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

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No. 1, 3 years	$ 7.50	$ 75.00
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1 year, fine, 2-in. pots	3.00	25.00

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Good plants in bud and bloom. Per dozen: 4-in., $3.00 to $4.00; 6-in., $4.00, $5.00 and $6.00; 6-in., $7.50, $9.00 and $12.00. C. W. Cox, 2nd and Bristol Sts., Philadelphia, Pa.

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4-inch	2.25	15.00	....
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7	24 to 28	14 to 16	....	10.00	75.00

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Rhododendrons, finest kinds, from 30c to $10.00 each. Lilac M.-Le Graye, pot-grown, $6.00 per doz.; $40.00 per 100.
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Geraniums of recent introduction, from 2 1-4-inch pots; ready now. Mme. Landry, semi-double Bruant, apricot salmon. Jean Viaud, semi-double Bruant, beautiful shade of light rose; a magnificent variety. Emanuel Arene, rich scarlet with large pure white eye; double. Richelieu, double Bruant; a grand acquisition; 15c each. The above at $10.00 per 100. We have many others of decided merit. We also have a large stock of the best bedding varieties ready for immediate shipment. Nathan Smith & Son, Adrian, Mich.

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PÆONIAS.

Paeonias. Per 100; Officinalis rubra pl., $8.00; officinalis alba pl., $20.00; tenuifolia fl. pl., $18.00. Bobbink & Atkins, Rutherford, N. J.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100
2 plants	4	24-28	$2.00	$100.00
3 plants	8	26 fine	$2.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
2 plants	5	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves. high.	Per doz.	Per 100.
4	5-6 15	$ 4.50	$ 35.00
6	6 24	15.00	125.00
8	6-7 30-32	each, $2.00.	

KENTIA FORSTERIANA.

Inch pots.	Inches high.	Per doz.	Per 100.
4	4-5 15	$4.50	$35.00
		Each.	Per doz.
6	5 24-28	1.00	12.00
6	5-6 30	1.25	15.00
8	6 36-40	3.00	26.00

All measurements are from top of pots.

JOS. HEACOCK, WYNCOTE, PA.

LATANIA PALM PLANTS.

Pots.	Plants to pot.		Leaves.	Per doz.
2-in.	2	20 to 22-in. high	10	9.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	12	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Plus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.

Pandanus Veitchii and Croton plants, prices on application.

J. Wm. Colfesh, 53d & Woodland, West Philadelphia, Pa.

WITTBOLD'S FALL LIST.

The following quotations offer exceptionally good value. There is nothing quoted which we cannot recommend. Our stock is larger than ever and particularly clean, healthy and vigorous; we offer it on its merits.

When in need of larger plants than quoted ask for special prices on a lot of excellent specimens of various species which we have on hand.

KENTIA BELMOREANA.

Size. Pot.	Height, No. Inches.	Leaves.	Each.	Per Doz.	Per 100.	Per 1,000.
2½	8 to 9	2 to 3	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 15	5 to 6	$0.25	3.00	20.00	180.00
4	14 to 16	5 to 7	.40	4.00	30.00	300.00
5	16 to 20	5 to 6	.75	7.20	60.00	600.00
6	18 to 24	5 to 7	1.00	12.00	90.00	900.00
6	20 to 22	6 to 7	1.25	15.00	125.00	
7	26 to 28	6 to 7	1.50	18.00	180.00	
7	26 to 40	6 to 7	2.25	27.00	200.00	

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2½	8 to 9	2 to 3	....	$ 1.50	$ 12.00	$100.00
3	10 to 12	4 to 5	....	2.00	15.00	150.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00	180.00
4	20 to 24	5 to 6	.75	7.20	60.00	600.00
5	22 to 26	5 to 6	1.00	12.00	90.00	
6	32 to 36	5 to 6	1.25	15.00	125.00	
8	30 to 24	6 to 7	1.50	18.00	180.00	
8	44 to 60	6	3.25	39.00	300.00	

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.	1,000.
2¼	2	2	....	$0.9	$ 5.00	$ 40.00
3	12	3 to 6	....	1.00	7.50	75.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00	100.00
4	15 to 18	5 to 7	.25	2.00	20.00	175.00
5	18 to 22	5 to 6	.50	5.00	35.00	300.00
6	20 to 24	6 to 8	.60	6.00	50.00	
6	24 to 30	6 to 8	.75	7.20		

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6	2 plants in pot	$1.00	$ 8.00
3½	12 to 14	2 plants in pot	2.00	15.00
4	15 to 18	2 plants	$0.25	3.00	25.00

COCOS WEDDELIANA

Pot	Each.	Doz.	100.
2	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
3	4 to 6			$1.50	$10.00
10	40 to 45	6 to 8	$3.50		

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz.; $10.00 per 100.

CORYPHA CEBANGA.

3-inch pots, 6 to 8 leaves, $2.00 per doz.

CURCULIGO RECURVATA.

4-inch pots, $2.00 per doz.; 5-inch pots, $4.00 per doz.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
4	.....	.....	.....	$3.00
5	15 to 20	8 to 12	$0.50	6.00

PANDANUS.

	Pot.	Height.	Leaves.	Doz.	100.
Utilis	.....	2½	6 to 8	10 to 12	$ 1.00	$ 8.00
Utilis	.....	3	8 to 10	12 to 15	2.00	15.00
Veitchii	.....	6 extra fine			18.00	
Veitchii, 7-inch, strong, $2.25 each.						
Veitchii, 8-inch, strong, $3.00 each.						

PEPEROMIAS.

Argyraea and alata, $2.00 per doz.; $15.00 per 100.

ZINGIBER OFFICINALIS (GINGER PLANT).

$2.00 per doz.; 5-in. pots, $3.00 per doz.

SANSEVIERA JAVA, VAR.

Strong plants, per dozen, 2-inch, 60 cents; 3-inch, $1.25; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

KENTIA BELMOREANA.

2½-inch pots	$8.00 per 100; $75.00 per 1,000	
3-inch pots, 4 and 5 leaves	$15.00 per 100	
4-inch pots, 14 to 15 inches high	20.00	"
5-inch pots, 18 inches high	60.00	"
5 and 6 in. pots, 18 to 22 in. high	75.00	"

KENTIA FORSTERIANA.

2½-inch pots	$6.00 per 100; $50.00 per 1,000	

KENTIA FORSTERIANA.

2½-inch pots	$10.00 per 100	
3-inch pots, 12 inches high	15.00	"
4-inch pots, 15 to 18 inches high	35.00	"
5-inch pots, 18 to 22 inches high	50.00	"
5 and 6 in. pots, 24 to 28 in. high	75.00	"

The Storrs & Harrison Co., Painesville, O.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price Each.	Per Doz.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to put up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

	Pot.	Ht'd Char.	Per in.	Per lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00	
Latania Borbonica	6	20-22	5-6	40.00	
Phoenix Reclinata	5	15-18	3-4	25.00	
Phoenix Canariensis	4	15-18	3-4	15.00	
Phoenix Canariensis	4	20-24	4-5	25.00	
Phoenix Canariensis	5	24-30	5-6	40.00	

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

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Areca lutescens, 3-in., fine, $12.00 per 100. Michel Plant and Bulb Co., St. Louis, Mo.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

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For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

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Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

Pelargonium Victor, $2.00 per 100. Cash.
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Double petunias, 20 best named sorts, embracing all colors and varieties. Large stocks of white and light colors. Price: Well sorted cuttings, $1.25 per 100 postpaid; $10.00 per 1,000 by express. Strong, young, thrifty, stocky plants, $2.50 per 100; $22.50 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

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Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

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For Sale— 2,000 Poinsettias, one year old, good, strong, dormant stock, $6 per 100, cash. Address, Chas. Frueh & Sons, 1116 Hoyt St., Saginaw, Mich.

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New, hardy, giant primrose, PRIMULA VERIS SUPERBA. This is one of the good new things that occasionally turn up by chance. The plants we offer are good young plants which will give sufficient flowers this season to show its value and will grow on into fine specimen plants for next winter's forcing. Price: $1.25 per doz.; $10.00 per 100. H. A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

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150 red and white Chinese primroses, fine, healthy plants, ready for 4-in., $4.00 per 100; cash. Valley Greenhouse Co., Sewickley, Pa.

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California privet, 3 to 4 ft., $2.00; 2½ to 3 ft., $1.75; 2 to 2½ ft., $1.50; 20 to 24 inches, $1.25; 15 to 20 inches, $1.00 per 100. Small plants, 50c per 100. All well branched. Cuttings, 8 to 12 inches, $1.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

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Strong plants from 2½-in pots in the following varieties

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
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Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
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Roses, strong, two-year, field-grown. Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $6.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

Young roses in 2-in. for early summer bloomers. Ready now. Send $1.00 for sample lot of kind you want. Rooted cuttings of Wootton, Meteor, Bride, Maid, Kaiserin, Perle, Beauty, Golden Gate, La France, Siebrecht and Pres. Carnot. A No. 1 stock. Satisfaction guaranteed. Geo. A. Kuhl, Pekin, Ill.

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Crimson Rambler. Strong field plants, with fibrous roots; just the kind for potting and forcing. Send small order for sample. 3 to 3½ ft., $12.00 per 100; 3½ to 5 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

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Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming.
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Hardy roses in great variety.
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Manetti stocks for fall delivery.
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Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

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All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
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Asparagus Sprengeri, fresh seeds, $4.00 the 1,000. Aspar. plum. nanus, $8.00 the 1,000. Cyclamen, German Giants, pure white, 75c the 100s; bright red, rose, white with eye, 60c the 100s. A. Rolker & Sons, 52 Dey St., N. Y.

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Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Our strain of Lorillard tomatoes is early, heavy and prolific; grown from seed of perfect greenhouse fruit. Strong, cool-grown plants, 2½-in. pots, $2.00 per 100, cash. Roney Bros., West Grove, Pa.

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Best mammoths, strong pot plants, $3 per 100; $25 per 1,000; rooted cuttings, $1 per 100; $8 per 1,000. Older mammoths, strong pot plants, $2.50 per 100; $20 per 1,000; rooted cuttings, 75c per 100; $6 per 1,000.
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Our rooted cuttings of verbenas will not only please you, when you receive them, but when they bloom they will please your customers. 25 best bedding kinds, 60c per 100; $5.00 per 1,000. Express prepaid
S. W. Pike, St. Charles, Ill.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

The finest set of verbenas in America. 25 grand sorts, strong 2-in., $2.00 per 100. Rooted cuttings, 60c per 100; $5.00 per 1,000. South Side Floral Co., Springfield, Ill.

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Vincas, variegated, rooted cuttings, $1.25 per 100; 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca vines, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Vinca major fol. var., $4.00 to $6.00 per 100. Wm. Stuppe, Englewood, N. J.

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Violet Runners. 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free. Wm. Swayne, Kennett Square, Pa.

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California violets, good strong plants at 50c per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

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Rooted cuttings, per 100: Achyranthes $1.00, Cuphea (cigar plant) $1.25, Impatiens Sultani $2.00, Manettia bicolor $1.50, Tradescantia tricolor $1.25. Impatiens Sultani and Manettia, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

Best 6 varieties hardy garden pinks; Holt's mammoth sage; Vinca major variegated and santolina (lavender cotton), all rooted cuttings, $1.25 per 100. Cash please. Benj. Connell, West Grove, Pa.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, all 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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Dracaena terminalis, 4-in., $1.50 per doz., 5-in., $2.50 per doz.; Dracaena indivisa, 4-in., $1.50 per doz.; Cyperus gracilis, 5-in., $2.00 per doz., for summer blooming carnations and Asparagus plumosus. C. Winterich, Defiance, Ohio.

Anything in our 1901 catalogue (which is now ready) for cannas, rubbers, dracaenas, Asparagus plumosus seed or kentias. Morris Floral Co., Morris, Ill.

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W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer.
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Wilmer Cope & Bro., Lincoln University, Pa.

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PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

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THEY LIKE THE REVIEW.

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Centreville, Mass.

I find the Review very useful, and to me it comes as a welcome friend.
Oshawa, Ont. WM. ALCHIN.

I would not do without your valuable publication were it five times the price.
St. Paul, Minn. AUG. S. SWANSON.

The paper is all right.
Rensselaer, N. Y. JAS. McGREGOR.

Am very much pleased with the paper, and it would be difficult to do without it.
Tampa, Fla. ANTON FIEHE.

I would not miss it for ten times its cost.
Niagara Falls, Ont. WM. P. LYON.

It is too valuable a paper for any florist to be without it.
Davenport, Iowa. J. T. TEMPLE.

Am well pleased with the Florists' Review.
H. A. SCHERMERHORN.
White Plains, N. Y.

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JOHN A. WASHBURNE.
Vineland, N. J.

I find your classified advs. a great help to me. I do not have to wade through a whole stack of catalogues to find what I want as I used to do.
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E. Santa Cruz, Cal.

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Concordia, Kan.

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Freeport, Ill.

The Review is up to date and all right.
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Your paper has more than given satisfaction.
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We couldn't do without the Review.
Sedalia, Mo. GELVEN & SON.

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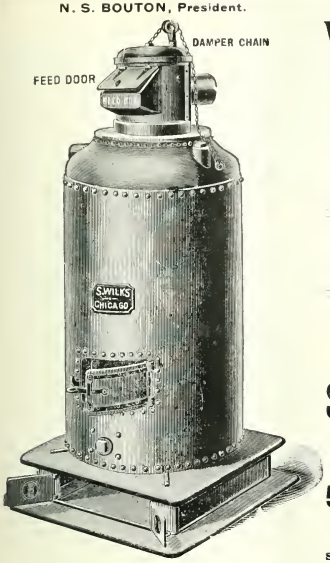
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING
Mention The Review when you write.

N. S. BOUTON, President. E. H. SEDGWICK, General Manager.



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All Steel.

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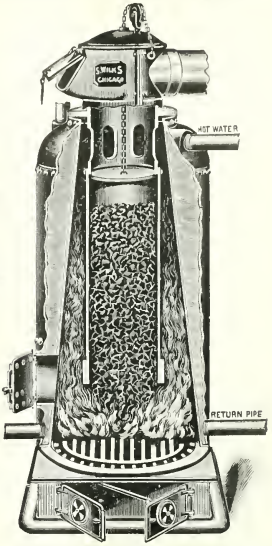

Send for Catalogue.
Mention The Review when you write.

CATALOGUES RECEIVED.

W. E. King, Santa Cruz, Cal., price list of greenhouse and nursery stock; Texas Seed & Floral Co., Dallas, Tex., seeds, plants and bulbs for southern planting; S. T. Walker, Forest Grove, Oregon, price list of sweet peas; H. Bayersdorfer & Co., 50-56 No. 4th St., Phila., Pa., calendar; Benj. Hammond, Fishkill-on-Hudson, N. Y., Hammond's 20th century trade price list; R. & J. Farquhar & Co., 6 and 7 So. Market St., Boston, Mass., catalogue of seeds for 1901; Luther Burbank, Santa Rosa, Cal., new creations in fruits and flowers; McGregor Bros., Springfield, Ohio, wholesale price list of plants for florists; Plant Seed Co., St. Louis, Mo., monthly calendar and seed tables, also their catalogue of reliable vegetable, farm and flower seeds.

A LATE PINK MUM.

Mr. M. A. Barick, Seymour, Ind., has a very late pink chrysanthemum of which he does not know the name and that he suspects may be new. He finds that it makes an ideal pot plant for Christmas sales and, as he has cut flowers as late as Dec. 26, he has nicknamed it "Happy New Year" as a companion name to "Merry Christmas."

THE MOST MONEY.

To get the most money out of your business you must produce the best stock at the lowest possible expense. Are you sure there is no waste in your business? Are you sure every one of your methods is the cheapest as well as the most effective?

The best stock isn't always the most costly to produce. It's more often in doing the right thing at the right time. And that's what The Florists's Manual, by Wm. Scott, keeps you posted on. It is the best investment you can possibly make, no matter how large or how small your business.

A FLORAL ENCOUNTER.

One of the daily papers recently wrote up an encounter between a florist and a business acquaintance in a rather sprightly way. Here is an extract:

As the florist rushed at him Jones assumed a pugilistic attitude, and when Robinson got within range dealt him a mighty blow on the left eye.

"There's a chrysanthemum for you," he shouted gleefully, as the florist measured his length on the floor, "and I have plenty more." Robinson quickly regained his feet and swung a blow at Jones. It fell short and Jones struck him a resounding whack on the mouth.

"There's a bunch of violets," he shouted, dancing about in a sprightly manner on the floor. "I'll give you every variety of flower if you will stand up and receive them," he added.

MERRILL, WIS.—N. Greivelding has completed his buildings and now has everything in first class shape. The dwelling house, greenhouses, office, barn and potting shed are all new and heated by steam. The arrangement is such that he can go from one building to another without going outdoors. A new courthouse is being built on the lot where his old houses stood.

IF YOU want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of one cent a word.

Use W. C. KRICK'S FLORISTS' IMMORTELLE LETTERS, Etc.

2-inch letters, $2.50 per 100. Postage, 15 cents per 100.

Krick's Violet Foil....

Price 30c per lb. Samples free.

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1287 Broadway.
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For sale by all Florists' Supply Dealers.
Mention The Review when you write.

A DWARF form of Iresine Lindenii has originated with a German gardener and has been named Iresine Lindenii microphyla nana. It will no doubt be useful in carpet bedding, as the height is only about that of an alternanthera.

"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

PASADENA, CAL.—The 13th annual tournament of roses took place last week and was a greater success than any of its predecessors.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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Entered at the Chicago post-office as mail matter of the second class.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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California Red Cedar.

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Best Grades and **perfect workmanship. Plans** furnished free of charge to our customers, embodying the most approved features of modern construction.
Try our **CEDAR,** the ideal greenhouse lumber. **It will save you rebuilding.**

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When Writing Advertisers

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HAZLEHURST, Miss.—At the local chrysanthemum show last November Mrs. J. D. Granberry won nine out of the eighteen premiums offered. A rose exhibition will probably be given in the spring.

HITCHINGS & CO.

233 MERCER ST., NEW YORK.

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Hot Water Boilers, Pipes, Fittings
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Send Four Cents for Catalogue.

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You can do it by using the **GARLAND IRON GUTTER** and iron posts in your next new houses. In connected houses, 20x100 each, the **GARLAND IRON GUTTER** and iron post construction will cost $40.00 per house more than a wooden gutter and wooden posts. And by means of the gutter you can arrange your benches so as to get 300 square feet more available bench surface than in the old way. This space is worth at least 40 cents a square foot and therefore a total of $120.00. Deducting the $40.00 extra cost of the iron gutters and posts you have a net profit of $80.00 the first year, and the full $120.00 a year for following years.

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Greenhouse Boiler,
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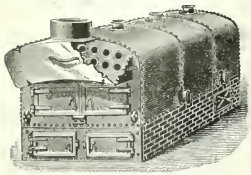

Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.
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Quaker City Machine Works, RICHMOND, IND.
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See the Point 35
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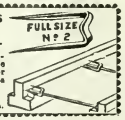

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GENERAL OFFICE AND WORKS: Irvington-on-the-Hudson, N. Y.
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No Ice. No Breakage of Glass.

This Gutter will save money in cost of construction.
GEO. M. GARLAND, DES PLAINES. ILL.
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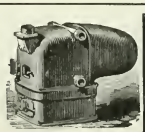

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VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.
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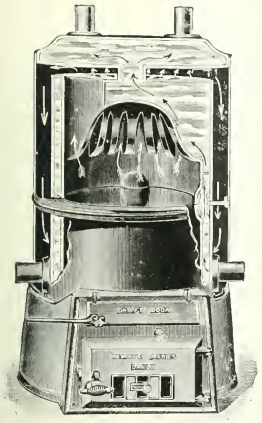

how much money is lost by using a poor boiler until you compare its work with a good one. A poor boiler wastes fuel and time, and is the cause of a large decrease in the profits of a florists' business.

POOR BOILERS

are innumerable, while good ones are scarce. That our boilers are good is proved by the testimony of those who have used them and compared them with others. They are modern, up-to-date, and with little fuel produce great heat. They are made in all sizes and many styles, but they are

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FLORISTS PROFIT by this,

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Will heat up to 16,500 feet of glass.

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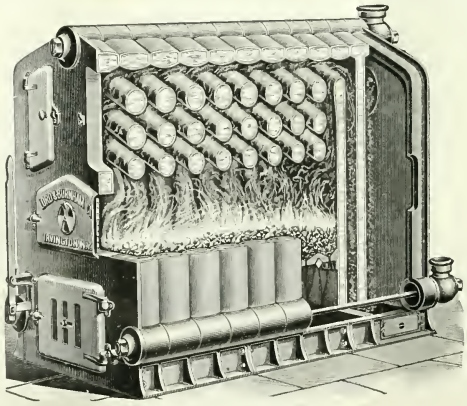

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Perfect Combustion.

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Highest Economy.

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, JANUARY 17, 1901. No. 164.

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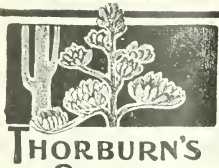

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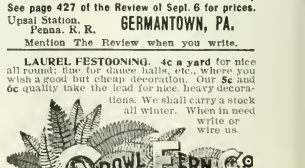

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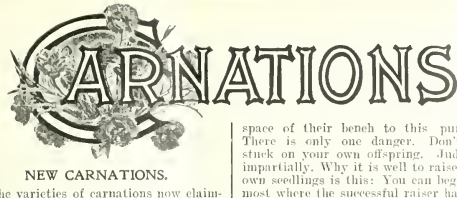

NEW CARNATIONS.

The varieties of carnations now claiming attention, each one with some superlative quality and all superior to those of very recent introduction, are getting very numerous. So plentiful are they advertised that one hardly knows what one shall buy. I use this rather stilted phraseology because it occurs to me at the moment and is borrowed from a little bit of real experience. I met a young lady of our vicinity at some fraternal society. She was presiding at the organ, while the brothers and sisters sang a few verses of the Golden Rule. It was some fraternal insurance society, since defunct, but I forget its title. I met the organist on the street several times during the next two years, but she never varied her dress, poor girl. It was drab, or gray, but had a broad green vertical stripe, and that is the only reason I remember it. If it had not had that conspicuous stripe I should never have recognized the same old dress. One day in May I met her, and the brief dialogue was this: "How do you do, Mr. S.?" "How do you do, Miss ———." She says: "Very changeable weather," "Very," says I. "It is so changeable," says she, "that one hardly knows what one shall wear," and I pass along to see how many geraniums and coleus will be wanted in Mrs. Delaware's flower garden, but quite happy because I bagged a gem. Now with carnations it is the same, but for a different reason.

As Mr. Herr says in his article published in your splendid number last week, it is not necessary to buy all the high-priced novelties by the thousand. Yet every wide-awake man likes to keep to the front, and even if his place is limited he does spend a good deal of money in trying the wonderful new varieties. There are two ways of looking at this matter of buying a new variety. I have reason to be very thankful that I bought 500 of some novelties, and I am many dollars in pocket because I had bought that quantity instead of twenty-five or fifty, and, again, I have bought 500 of other novelties several times that proved, with me, worthless. If you believed from good reason that you could grow some new variety well, then you would be much in pocket by investing in it largely. Perhaps on the whole for those who have not the chance to see the novelties growing or even the flowers at an exhibition it is perhaps wisest to invest in small quantities.

We owe much to the careful and painstaking hybridist, who, even if he does get a seemingly large return for a good thing, has to spend time and money on thousands of seedlings that are worthless, and I hope these specialists will continue their good work. Yet the number of seedlings now offered has given me the thought that before long we shall be all raising our own new varieties. There is a good deal to be said in its favor and all are warranted in devoting a small space of their bench to this purpose. There is only one danger. Don't get stuck on your own offspring. Judge it impartially. Why it is well to raise your own seedlings is this: You can begin almost where the successful raiser has left off. I am aware that one or two experts in that line will say: "Oh, no. Not by any means. We are at least three years ahead of you." They mean that a flower showing great excellence will be used by them for seed raising three years before it is sent out. That may be so, but the evolution of the carnation is not so fast that that will make a great difference or be a bar to your raising a variety equal to any.

Then again the expert will say that he has studied pedigree for many generations and the novice goes at it haphazard, a mere chance with every possibility of failure. I don't attach much importance to pedigree. Where you have such splendid varieties to start with, phenomenal qualities in flowers and excellent traits in the lower animal and genius in man is liable to break out from very ordinary pedigree. I don't know that Cromwell, or Shakespeare, or Napoleon could brag about their pedigree and yet they were all wonders. There is yet another and better reason why it is worth trying to raise varieties for our own use. If you were to sow 200 seeds and ten of them had very fine flowers you would take care of them the second year. Three or four may show vigor and growth with a fine habit and give you lots of bloom. The others were less desirable all round. Now those two or three or four that ranked so high just suited the soil or rather the soil suited them and undoubtedly they or their divisions, which cuttings merely are, will always do well in the same soil.

I think this is simple to see and nothing new but not always considered. If the plant does well with you for two years you have got a variety that is suited to your soil and you could even go farther than that and say that it suited not only your soil but your locality or climate and treatment. I don't want to encourage anyone to be occupying valuable space for too much experimenting but I feel sure that the day is coming when the great majority of growers will raise their own seedlings and when they get a good one grow it for the flowers which will be of more consequence than sending out the plants. It is late now but not too late to make some crosses and have a few hundred seedlings for planting out next summer.

WILLIAM SCOTT.

CARNATION NOTES.

Syringing.

During the past week the weather has been just the opposite of what it was the week before, except that it remained moderately cold, making it necessary to keep up steady firing. There is not so much danger of soft growth as there is when the weather is warm and cloudy, providing you keep the atmosphere cool and dry. A good demand to oblige to make us fire up a little more in order to keep the cut of blooms near to what it is during bright weather, and if this happened only a day or two each week and the rest of the week were bright it would not be so harmful, but to keep it up a week at a time would be one of the worst things you could do. If you have orders for more blooms than you can cut you can always procure all you need from some of the large wholesale establishments, or from the commission houses. Better spend a dollar now and then and save the health of your stock. We hear of several firms who were cutting fine blooms just prior to and during the holidays, but who forced their plants unreasonably hard and long and made them very soft and the blooms poor. They are losing now what they gained then, and very likely a good deal more.

Common sense will tell you not to syringe during such weather as we have been having even if it kept up for several weeks unless you have a bad case of red spider on hand. Carnations like a moderately dry atmosphere, and during these long, dark and rainy spells we need to keep out dampness rather than add to it by syringing. When you water do not spray overhead, but turn the water on only part way, so it will have no force, and run the end of the hose between the rows just above the soil. Try to do as much of your watering on bright days as you can, but there will be a spot here and there that must be watered. The beds can be allowed to become much dryer during cloudy weather without suffering than you would dare have them if the weather were bright; but avoid extremes either way, especially as long as you cannot tell from one day to the next what the weather will be like.

Last week's REVIEW contained a protest from an eastern grower against syringing carnations at all. The writer says he can keep off red spider better without syringing than he can with it, but in the same breath he goes on to say that when he does get a dose of spider he rids his plants of it by syringing twice each week for two or three weeks at 4 p. m. His argument is that syringing makes the growth soft and that the dampness resulting therefrom starts the carnation rust, which is true. He admits that a certain amount of syringing is necessary to keep the plants free from spider, but at the same time the foliage must not be kept damp too much or the rust will make its appearance. That is exactly what we have always preached and practiced. We pick out a bright day, and if possible, the second one of two successive bright days, and syringe our plants between 9 and 11 a. m., thus giving several hours of sunshine to dry them off again before night. We find that an ounce of prevention is better than a pound of cure and that by repeating this about once each week we are able to keep our plants free from spider and at the same time we never have our plants wet for more than a few hours at a time, and never over night, so it is not likely that rust will start from dampness. Now suppose you refrain from syringing until you see a dose of red spider and then syringe heavily, wetting the plants all over about 4 p. m. There is no chance for them to dry off before night and in fact not before the next day, and if it happens to be cloudy it will take more than that day to dry them off thoroughly.

Suppose that day was bright and you repeat the operation a few days later and you have the cloudy weather then. The result will be that you will have the plants wet from thirty-six to forty-eight hours when it is cloudy instead of about eight and while the warm sun is shining. Which of the two methods do you think is more likely to start the rust? Then suppose you happened not to notice the presence of the spider until just before the beginning of a two weeks' cloudy spell, during which time the syringing would certainly be harmful. What condition would your plants be in by the time it cleared up again?

Daybreak is not the only variety that red spider likes, Jubilee, W. Cloud and Armazindy are just as subject; and it soon spreads over the other varieties as well. We have heard many growers talk about keeping off spider by ventilating freely, etc.; but we have tried it more than one season and we have seen others try it, and we have never seen a house of carnations that was kept free from the pest without being syringed between Dec. 1 and March 1. You will have to do just about so much syringing and it is only a question as to whether you do it all within a few weeks or whether you will distribute it over several months. We find that we can keep down red spider and rust and have the growth more solid by adopting the latter method.

Shading the Propagating Bench.

The most important part after you have your cuttings in the sand is to keep them from wilting. How often you will need to water the sand will depend on the coarseness of it and the temperature, both top and bottom; but it must never be allowed to become dry. Many propagators use paper for shading, but we do not like it for several reasons. When the sun shines on the paper it gets quite warm and if it lays directly on the cuttings it will cause them to wilt according to the strength of the sun, and if you are using the north bench of a carnation house after you remove the paper the dry atmosphere of the house will soon take away all the dampness from them. We have a curtain in front (and later, one overhead) which shuts them off to themselves, and we find that one or perhaps two sprayings on bright days will keep them in good shape, while on cloudy days enough dampness comes from the sand to keep them fresh. We always try to have them tolerably dry before night comes, as too much moisture at night will cause fungus, etc., and rust will start as quickly in the sand as or the growing bench.

Last week I said something that I want to take back, and that is, that The Marquis has a better color than E. Crocker and G. Lord. I had never compared them except by daylight and The Marquis certainly had the best of it, but last Tuesday night I saw both by electric and gaslight and I was surprised to see how E. Crocker loomed up, while The Marquis did not show up nearly so well as by daylight. I wonder if it would not be well (when judging commercial varieties at least) to judge them both by daylight and artificial light and then strike an average. There are no doubt more flowers used in decorations for evening parties, etc., than for any other time, and to be a truly valuable commercial variety it should show up well both by daylight and artificial light. After noticing the above two varieties we compared a vase of America with a vase of Jubilee and we were surprised to find that America looked by far the brighter at night just because it was not so dark, which makes it perhaps more valuable for night decorations than Jubilee.

A. F. J. Baur.

A PEACH OF A CARNATION.

Say, Mistah Editah: I 'spose you'll remembah de fu-t dollah wat yo' got fo' dat Reveew ob re Flowrest trade ob yourn. Komen frum dis chile as yo' tole me so by lettah at de tyme. I allus hav a waum spott in wat de doctah sez is de cels ob my hart foah dat best ob all papahs. De Flowrest Reveew, 'n I hope you'll not tink I'm puttin' on stile wen I say I mus' frum de cells ob mi hart kongratulate you fo' de swel kaunashun number wat you send me last week.

But to tell de trufe an' noting but de de trufe, az Jedge Johnsing allus sez to me an' Semanthy day after Thanksgivin' wen dey take us into de corte house, I waz offley agweably desapinted dat de kaunashuns had not add vansed as much as me an' Semanthy had rekoned foh (glad ob de chanse to mak a naim).

I rite yo' mi' experence scence I last rote you. You shuah to remembah dat at dat tyme I waz just stauting to bild an' I red den in youh papah bout some fellah wat ad razed a big kaunashun an' sed he didn't no how he did it. Dat stauted me thinkin' an Semanthy sez, sez she, Efrum, I gess yode bettah mak a tri for a tirty tousand phunks too (Semanthy allus had confidense in mi ebility to suck seed with anything I overtook). Wel to kut de story short I'll tell you mi experunce wid de krossing. De result is dat I hab one now wak maks dem in de Reveew look like sellin' platers dat dey aukshun off ober at de trak down here at Memphis.

Mi big clame foh de new one is dat it mesures one foot an' a quatah aroun', tencese meserment. Ob coase dat sound ghost like an fishy to a white man but dat ez only ckwill to de five ench noathern meserment (dyeamctre). De blums in Keweshun iz de lobliest shade of blak you ever scene an' it noks de ruff rider inter a cocht hat. De greates' ting in its favor ez de fack dat only one bud komes on a stem, dewin' away wid all strippen ob supperflus buds. It will neber giv eny trubbel wid bustin' if de growah wil tak a fine pece ob blak silklene to sow up de splits.

It rekwires quite a lott ob fertilizin' en de wey ob blak hoss manure to help ets colah alonge, de only truble en fack wat I find wid et iz it gibs me only mail blumes so dat et is empossebel to kros it wid oders. Wel, sum ob de flowrests here make de clame dat dat iz a good fault foh in dat case it kan not be ofer proppegaited. A few ob de big guys from Yoak sity hab been tryin' to buy it off me an' say I muss most assuahedly enterduse et. So look out fo' de ad en de neah future wid a swell kut ob de blume.

I am veahy prond to be allowed to remane youah most humble fust subskriber an' newest advetizer.

Ephraim White.

P. S.—Semanthey ensisted on havin' de new ones pikter tooken wif de baby. She tinks I'm enclosen et wif dis leter but I doan tink it wood sel so good dat way, so rite by return male an' tell us youh waz sorrey dey was no room fo' et. Youahs, F. S. and N. A.

Eph. W.

Bye de wey, wat eber bekom of dat Fritz Bloomsnyder? Heez idees was goot, as he wod say. Eph.

Oh, one ting I fergot (Semanthey's rekwest) will yo put de pictur ob me an her an de baby en de papah? E. W.

P. S.—Rite soone. E.

Oh, say, Mistah Editah, hope youall exkuse dis hind end ob de lettah, sorrey to de-turb you agen, but wen I send de ad just say ov de side dat its a peach ob a kauna-hun all rite. Youahs, Yo xo.

THE NEWER CARNATIONS.

From a Commercial Standpoint.

[Extracts from a paper by Dr A. S. Halstedt, Belleville, Ill., read before the St. Louis Florists' Club, January 10.]

Ethel Crocker seems to be one of the pink carnations that has come to stay. It was originated by J. H. Sievers & Co. As grown in the soil of my vicinity, it makes a fine, large plant in a short time, with a profusion of large pink flowers on long stems, good, strong calyx, blooming continuously. It can stand good, sharp stimulant, such as wood ashes or pulverized cow manure, which can either be put on as a top dressing or in liquid form. I think "Ethel Crocker" the bread winner for 1901. Next comes the famous "Mrs. Thomas Lawson," which has gained considerable fame, especially on account of the price paid for it—$30,000. Peter Fisher is certainly a very lucky man. He might originate thousands more, and not find another Lawson. This variety has a large pink flower, "coarse," something like the "Adelaide Kresken," which only lasted one season. "Marquis," a rich pink, perfect calyx, sturdy plant, grass like "Jubilee." I think this variety can be grown for profit. It will need no tying, as it has a strong, stiff stem, and can stand a great deal of stimulant. It is grown by our president. He seems to think it a cracker-jack, but the longest pole knocks the persimmons, and I think "Genevieve Lord" has the pole. When it is well grown "Daybreak" can be discarded forever. I expect to plant at least 1,000 plants next season. This pink variety fairly thrills you with its exquisite beauty. Old man Weber, as well as his sons, can be highly complimented on their product.

Now for a few of the older ones. In white "McGowan" has been grown for the past seven years on my place, and I have a soft spot in my heart for "Lizzie." She will always find bench room in my greenhouse. The poorer the soil the better the flower. This is one of those that needs no stimulant, and can be grown at a temperature of 55 degrees with good results.

"Flora Hill," the next best white on my place, is continually infested with rust and bacteria. The combination of the two diseases produces what I call marassmus. Marassmus is the using up of the vitality. When vitality is once lost it means death. I administer in these diseases arsenic and carbolic acid, which proves a great factor.

Bradt is one of the best variegated I grow; makes a fine large flower, stiff stem, rarely ever bursting the calyx if grown at a temperature of 55. I have a small house of that variety and it has paid well, not on account of its produc-

Chrysanthemum Midge as a pot plant.

tiveness, but on account of large flowers and prices I get for them. Red Bradt is worthless. I had about fifty plants all propagated from the Red Bradt. When they bloomed all but six were the original Bradt.

Gold Nugget, yellow variegated, does well at my place, and I expect to cultivate it until some one brings out something in yellow that will bloom as well as Scott. One of the newer varieties grown in this vicinity I forgot to mention for the reason of its unworthiness is Olympia. Armazindy is ten to one better and is not worth growing, although it may be grown well elsewhere.

The great Scott, no doubt, is justly entitled to the name; good flowers any and all time. The only rival to Scott is Joost. If Joost holds out I will give her a chance for another year alongside of Scott. So far Scott produces two flowers to Joost's one.

The last, but not least, is Crane. This is truly an ideal red. If it possessed the sweetness of Jubilee it would be hard to beat. Neighbor Guy thinks America the real thing. I do not doubt his opinion, but it can not touch Crane with a forty-foot pole. I could write in this same way from now until the cows come home without ever impressing any one but myself, so closing point is near at hand.

Carnations have the sway,
There is money in them I say.
No fortune can be made so well
In growing large blooms that will sell.
Oh, Ethel Crocker, you delightful pink,
I will grow you next year, I think;
But Olympia, you poor thing,
Not blooming for profit until spring.
Genevieve Lord, bright, sweet, prolific, I say,
One of the pinks that has come to stay.
Mrs. Thomas Lawson cost thirty thousand dollars,
For cuttings next year you will have but few callers.
Next comes the Crane,
A good thing in red I've been saying.
There is Gold Nugget, hated by some,
For a good yellow I think you're a plum.
Scott, the bread winner,
The man who discards you is surely a sinner.
You can't lose me, says Mrs. Bradt,
I beat all variegated and colors like that
Dazzle, New York and Daybreak,
If you drop them you'll make no mistake.
Portia, Evelina, Eldorado, Melba,
Della Fox, Albertini,
Have lost all their fame,
But were good ones in their day just the same.
Frances Joost has friends by the host, I should say—
Take a place next to Scott without delay.
You may tire at my rhyme on the carnation,
No flower in the world can sniff at your station.
I will wind up by saying to you, one and all,
Grow carnations that are perfect or grow none at all.

NEW CARNATIONS.

Registered with The American Carnation Society.

By Peter Fisher, Ellis, Mass.:

"Governor Wolcott." Color pure white, blooms of fine form, averaging three inches and over in diameter, borne on stems two to three feet in length. Plant very free and healthy, of wiry growth and ideal habit.

"Eastern Starr." Color pure white, flowers deeply fringed, of perfect form with high center, full but does not burst, average size of bloom two and one-half to three inches, borne on a stiff wiry stem. Plant resembles McGowan in growth, is of splendid habit and very productive.

Albert M. Herr, Sec'y.

Lancaster, Pa.

ABOUT SLUGS.

S. W. says: "I am troubled with slugs. They eat everything. Radishes are beefsteaks to them. Is there any way to get rid of them?"

S. W. is of course speaking figuratively when he says that radishes are beefsteaks to the humble slugs. He means that they are the greatest delicacy to these vegetarians as a beefsteak is considered a most relishable meal to we bipeds who show by our teeth that we are meant to be both herbivorous and carnivorous.

Slugs are very troublesome in many of our crops. Perhaps to [illegible] to the young undeveloped fronds of [illegible]. Young plants of [illegible] and many young seedlings are [illegible] if slugs are around. Many can be caught by laying lettuce and cabbage leaves on the benches, or slices of turnip or cutting potatoes in halves and scooping them out hollow. The slugs do most of their feeding at night and seek some secluded spot to lay up in during the day. So in the hollows of the potatoes or under these leaves you can catch a good many, but it is slow work and you are apt to get tired of the performance before all the slugs are.

The most effectual way to get rid of them that I know of is to dust the soil or benches with air slaked quick lime. In the case of ferns a very light dusting of lime on the fronds and crowns of the plants will do no harm and will effectually stop the work of the slugs.

Wm. Scott.

CHRYSANTHEMUM MIDGE AS A POT PLANT.

Some time since you published an engraving from a photograph of chrysanthemum Midge as a pot plant. I enclose a photograph of a pot plant of the same variety which speaks for itself after doing service twice at church decorations.

T. L. W.

[This chrysanthemum certainly seems to be an excellent variety to grow as a pot plant, and we present herewith an engraving from the photograph sent by T. L. W.]

SOCIETY OF AMERICAN FLORISTS.

To the Officers and Members of the Society of American Florists and Ornamental Horticulturists. Greeting.

Gentlemen: The society of which you are honored members fittingly closed the nineteenth century with the grandest and most comprehensive exhibition and convention, in New York, last August, ever held in this country; an exhibition which in the opinion of many competent judges was equal to, if it did not actually surpass anything ever shown in any country. We enter the twentieth century stronger as a society than ever before in our history. We have accomplished much, but there is yet much to be achieved. A national charter is one of the objects aimed at; closer relations between the parent society and special trade societies is desired; the development of our natural resources for the production of much which we now import is essential; the collection and dissemination of facts which bear on a higher development of our products is necessary; a more active aid from national and state experiment stations is needed. These and many other valuable advantages may be secured; but united, active support of officers and committees is necessary.

A large increase in membership was obtained the past year but there are hundreds, yes, thousands, outside the fold who should be in and can be brought in by earnest individual effort. Solicit your friends and neighbors to join the society; impress upon them the advantages of co-operation. The society has obtained cheaper postage, cheaper expressage,

cheaper freight; has obtained valuable legislation. It has created a trade press which disseminates valuable information and provides a medium whereby they can buy and sell at an advantage unknown before its establishment. They cannot afford to stand by, idle; they may lose, we all may lose, some of the advantages gained unless we present a solid and gradually extending front. With a growth in membership our powers will increase, our influence widen.

Don't forget your state vice presidents; send them reports of what is being done in horticulture in your neighborhood. If your state legislature is considering measures bearing on your business, get your state vice-president to take the matter up and then support him in his efforts. If existing state laws can be amended for your benefit, do likewise. Send suggestions for the improvement of the society to the secretary, who will bring them before the executive committee in due season. Take a lively interest in the society's affairs at all times; it will pay you to do so. Become life members; in this prosperous year, celebrate the opening of the new century in that way. It is saving time and money and establishing the society on a firmer basis.

Last but not least prepare to attend the convention in Buffalo next August. The horticultural department of the Pan-American Exhibition will surpass anything of the kind ever seen. Show by your presence that you appreciate the effort.

Wishing you all a happy and prosperous New Year and soliciting your hearty co-operation, we remain for success,

Fraternally yours,
Patrick O'Mara, Pres.
Wm. J. Stewart, Sec.

ROSE NOTES.

Grafting.

Manetti stocks arrived in much better condition this year than last and were also of better quality and more uniform in size. As soon as the root action has commenced the stocks are ready for grafting. Use only good, well ripened wood for scions. It is not essential that the graft and stock be of even thickness, but the bark must be fitted exactly together at one side. For tying we use raffia. We potted 25,000 Manetti about Dec. 22, and now have most of them grafted.

For the grafted plants we build a frame on a bench, put one to one and one-half inches of moss on the bottom and cover this with sand. This is watered well and the plants set upon it. We aim to keep a temperature of about 70 degrees. The frame is covered with sash and kept close for about ten days or two weeks, by which time the scion will have taken hold. A little air is now given and the plants gradually hardened off, which will take another two weeks. If the stocks were watered before grafting there will be no need of further watering for the first two or three weeks, but if through some contingency it should be necessary it must be very carefully done. If any water settles between the stock and scion the latter will die off. It is best to have partitions in the frame for each batch, so they can be aired separately.

When the plants are hardened they should be taken out of the frame and placed on a light bench, but care must be taken to avoid too much sun or draughts, for a few days. As soon as the plants are of a sufficient height they should be tied to a small stake to prevent the graft from breaking off.

Pruning.

I do not believe in cutting out much blind wood during the first part of the rose season, but about the middle of January, when the days begin to lengthen, and the sun favors us more, I think time is well spent in cutting out some of the old blind wood. It gives the plant more air and light and makes room for the strong shoots which we now expect to start.

Watering.

During cold nights and bright days our rose beds dry out from both top and bottom and watering must be regulated accordingly. It is well to take a stick and examine the soil clear through. The appearance of the surface is often deceiving and our fingers cannot always penetrate deep enough to assure us of its condition. Always water the bed thoroughly if it needs watering. Otherwise you may have the upper half of the soil wet while it may be as dry as powder at the bottom, and this condition is serious for the plants.

M. Stauch.

RAISING THE TEMPERATURE.

In the Review of Dec. 13 M. Stauch says: "In case of necessity (the temperature can be raised) to 65 degrees on the last few days." In the Review of Dec. 20 he says: "Do not try to cook out a few extra flowers for Christmas by giving the plants all the heat you can. It may mean an extra dollar for you now but by the middle of January you will wish you had not done so."

Will Mr. Stauch please explain what he means? Clarence Upton.

The word "cooking" is commonly used by growers to signify an excessive amount of heat. Mr. Upton may regard 65 degrees as "cooking" and so would I should it be kept up for any length of time. What I had in mind was what I know to be practiced by many of the smaller growers or florists who conduct a general retail establishment and have only a few rose houses. They are very apt to keep the temperature too high as Christmas approaches. The orders start to come in two weeks before Christmas and they keep piling up. The florist does not wish to buy any roses if he can possibly avoid it and so the temperature of the houses is raised in accordance with the pile of orders.

He knows well enough that it will harm his plants but Christmas and high prices are right in front of him and the possible harm is some distance off in the future and he guesses after all the damage won't be so very serious, the dollars in sight rather dulling his usual good judgment. So he runs the houses up to 65 and 70 and the ventilators kept closed tight. In the daytime the houses are syringed overhead, the boilers are kept going in spite of the sun which would in itself keep the houses warmer than they should be, and ventilation is given at perhaps 80 or 85 degrees.

Such treatment is what I call "cooking," and a rose cannot endure it long. New Year's follows close behind and a little more "cooking" is indulged in to help out on extra orders for that occasion. And by the middle of January the plants, even though they may look healthy, are so exhausted they simply can't move. They will start to break and then stand still, and not till spring can they be got into good shape again.

Such mistreatment of roses may be new to Mr. Upton, but it is unfortunately not at all rare as I can testify to from personal observation. M. Stauch.

HOW TO GROW PERLE ROSES SUCCESSFULLY.

By J. F. Ammann, Edwardsville, Ill.

[Read before the St. Louis Florists' Club, Jan. 10.]

I begin to propagate as soon after New Year's as possible, and not later than Feb. 1, as I think that high time to propagate stock wanted for planting on benches by June 1, which is my time for planting.

In the selection of wood for cuttings I usually take strong blind wood from healthy plants, or when the market is overstocked with blooms I sometimes use blooming wood. The wood should be well ripened, but not hard; if blooming wood is used I prefer it before the flower is fully developed. Still I have used some where the flower was fully developed with very good success. As to the difference between blooming and blind wood, I find none. Any good, healthy wood will do. I usually cut two to three eye cuttings, according to length of joints.

The propagating bed is prepared as follows: The bench is made of wood, six-inch fencing preferred, with a quarter-inch crack between boards for drainage. The boards are thoroughly whitewashed with fresh lime and about three-fourths inch of screened cinders put in the bottom for drainage. Then put in

A Giant Caladium.

clean fresh sand, which, after well beaten down with a brick, will be about two or two and one-half inches deep.

The bench is then ready for the cuttings, which are put in the sand to the depth of about one inch, placed one inch apart in the row, and two and one-half inches between rows. The cuttings are then thoroughly watered and shaded, for the latter purpose we use muslin stretched along the sash bars. An occasional sprinkling during the day, and when needed a thorough watering is given. After they have formed a callous the shading is removed. The temperature is kept as near as possible to 58 degrees above, with 10 degrees higher under the bench. When the weather is clear a crack of air is constantly left on the house, but all drafts are avoided.

In potting, I usually pot from sand into two and one-half inch pots. I prefer this size to the two-inch. I shade them a few days with newspapers and soak well after planting. From two and one-half inch pots I plant into three and one-half inch, and from the latter size to the bench. I much prefer this size for bench planting to four-inch. I do not believe in forcing young stock as soon as they are well started in two and one-half inch pots. I reduce the temperature a few degrees and keep them on the dry side as much as possible, being very careful never to get them overwatered, as that materially weakens them. You can get a strong, sturdy plant only by keeping it somewhat on the dry side. For potting I use the same soil used for the benches, which is run through a coarse screen and about one-fifth of screened, well-rotted cow manure added for small pots. Very little sand is used, as our soil is a sandy loam.

In preparing for the bench planting, we give rafters and gutters a coat of paint every two years, and thoroughly clean under the benches and give all the walls, etc., a whitewash of fresh lime every season. The benches are constructed of wood, six-inch cypress fencing preferred, and a space of one-half inch is left between boards for drainage. Same is used for side, leaving the bench about four and one-half inches deep in the clear. The bench is given a heavy coat of fresh lime and filled level full of soil, which after being packed and watered will leave about three and one-half to four inches of soil. New soil is used each year, which is hauled from an old pasture or some other place that I know has not been cultivated for years. This is usually piled up a year previous. The mixing is done as the soil is put in with about one-fourth of well-rotted cow manure and a sprinkling of bone meal. Planting is then done from three and one-half inch pots and as near June 1 as possible. I believe in some shading, but I am satisfied good roses can be grown without it.

Supports are put in and tying is done as soon after planting as needed. About Aug. 15 a light mulch of well-rotted cow manure is given, which is repeated the latter part of September, if required. As soon as cool weather sets in liquid manure is applied in light form about once every two weeks, which is increased later on to once every week, depending a great deal on the growth the plants are making, and also the weather.

There is one thing you must bear in mind, that the Perle rose is a good feeder and enjoys an occasional mulch or liquid watering about as well as the writer does one of those old time florists' smokers. All buds are cut off with from one to two eyes, up to about Aug. 15, when the strongest shoots are allowed to come to flower and which produce first-class flowers. The weak growth should be disbudded continually through the whole season, and only good, strong wood allowed to flower. You must remember that if you want quality you can't always expect quantity.

The temperature I prefer for Perle roses is 60 degrees at night, with 10 to 15 degrees higher in the daytime. In conclusion, I wish to state that my soil is a light, sandy loam, which readily drains itself and can therefore stand more water than ordinary soil. To this I attribute to some extent my success in Perle roses, but the principal thing to success is careful attention and [illegible] energy, the same as is required to grow any other plant under glass successfully. I thank you for your kind notice then and I hope these few words will be of as much benefit to some of you, at least, as other essays have been to me in the past.

A GIANT CALADIUM.

We present herewith an engraving from a photograph of a Caladium esculentum, a single plant from one bulb, that was seen last summer on the grounds of Mrs. R. L. Higginbotham, Delphi, Ind. The plant was eight feet high and had a spread of fifteen feet. The longest leaf measured 48 inches. Replying to an inquiry as to how the plant was treated Mrs. Higginbotham writes: "The hole was 3½ feet in diameter and 2 feet deep. It was filled with 6 inches of half rotted cow manure, 6 inches of rich compost, 6 inches of half rotted cow manure, finishing off with 6 inches of well rotted compost into which the bulb was placed. We watered sparingly until the plant was well started, as otherwise there is danger of rotting the bulb. After the plant was well started the amount of water was gradually increased as the growth advanced, adding about twice a week one to two gallons of liquid from half rotted cow manure with a small quantity of bone meal added. When the plant has attained full size you can scarcely give it too much water."

PHILADELPHIA.

The Market.

A decided and unmistakable lull set in by the middle of last week. By Wednesday the bright hopes that this season there would be no let up in business before Lent had vanished. It seems likely that the dark, rainy weather of the next two days really helped more than it hurt the cut flower market. Transient trade fell off, but the supply was decreased probably in much greater proportion. Prices fell. The best Beauties, a scarce commodity, bring $6, $7.50 and $9 a dozen. Brides and Maids, $8 to $12 per 100. Some Meteors brought a little more. Carnations, $1.50 to $3 per 100, a few fancies being held at $5. Single violets, 50 to 75 cents per 100, doubles, $1, to $1.50. Romans are not popular just now; very few white flowers are in midwinter. Possibly the next two weeks may prove a further exception to this general rule, as we are promised an unusually large number of January weddings.

French daffodils are in and bring $4 a 100; the blooms appear unripe. Tulips and Von Sion are expected shortly.

Various Items.

The club meeting was held on Tuesday night. Ernest Hemming, of Thos. Meehan & Sons, read a paper on herbaceous plants for cut flowers.

Tuesday of this week will be devoted to the Farmers' Institute meeting for Philadelphia county, which will be held in Horticultural Hall. A very interesting program has been arranged for the occasion.

Ladies' night at the Florists' Club will be held on Wednesday evening of next week, Jan. 23. A varied program full of attractions has been arranged. It is

earnestly hoped that every member will feel a personal interest in making the affair a triumphant success.

The state board of agriculture has invited Edwin Lonsdale to write a paper instructing the farmers how to build and manage greenhouses with a view to aiding them in rendering their farms profitable. This is gratifying and the paper, which is progressing, should prove very instructive. As a further mark of confidence the state board asked Mr. Lonsdale to name the fee which he considered fair compensation for the work.

The many friends of Charles E. Meehan will be interested in learning that he has completed a new greenhouse, the tenth, I think, on his place, also a stylish office. If all signs fail not, this progressive florist is preparing to put the words "wholesale and retail" before the "Florist" on his wagon.

Now that the holiday rush is over every grower ought to do a little figuring to determine what pays and what does not pay. You can't tell by guessing. Thomas Cartledge said, in speaking of a grower's success: "He never fooled with things that didn't pay him." A very successful florist, in speaking to some of his less fortunate brethren, said: "You will be small growers always if you don't grow what pays you."

PHIL.

NEW YORK.

Banquet to President Patrick O'Mara.

The banquet tendered to Patrick O'Mara by his numerous floricultural and horticultural friends at the St. Denis Hotel, New York City, Jan. 10, was a remarkable show of appreciation for the services rendered by that gentleman to the New York Florists' Club, the Society of American Florists, and to the trade in general. Any man might well feel proud of the splendid testimonial, for it was an event that will for aye impress itself upon the memories of those who were present and marks an epoch at the birth of the new century. The affair was held in the large banquet hall of the hotel and seventy-seven sat down to enjoy the good things enumerated in the catalogue.

Chas. B. Weathered acted as toastmaster and started the fun by his giving an account of how he got that position at the civil service examination held by the dinner committee; he was awarded 95 points on exemplary elementary elements, and was in consequence awarded the contract for mixing seriousness and emotion with irresponsible hilarity. Mr. Weathered, referring to the object of that assemblage, said: "They had come to do honor to one who by his indefatigable and well placed labor in the last decade, had done more for horticulture than any one man," and called upon William J. Stewart, of Boston, to respond to the toast, "Our Honored Guest." Mr. Stewart feelingly referred to the many qualities of the hero of the night, that they had come from north, east, south and west around that festal board to honor and say "Well done, good and faithful servant." At the conclusion of his remarks Mr. Stewart, on behalf of those assembled, handed Mr. O'Mara a beautiful emerald and diamond pin as "a token of the evergreen and never-dying esteem in which he was held by the horticulturists of America." Letters were then read from many of the most prominent men in the country who regretted their inability to attend. All the letters were testimonials to Mr. O'Mara's worth and many of them were remarkable for humor and feeling; they were presented to the guest of the evening.

On rising to respond Mr. O'Mara received an ovation; he was visibly affected, as well he might be, and his comparison of the emerald pin he had received that night to the green isle far away was one of the best things he ever said. His story of how, when a boy, he followed the 4th New Jersey regiment, and felt honored in being allowed to hold one of the guns, was a pathetic description of Milesian ambition; he said the motto of the 4th New Jersey was "Always Ready"; he tried to be always ready, but he confessed he was not ready for such a demonstration as was given him that night! There was a burning seriousness in his voice when he declared "God knows each man should do, when the time comes, what his fellow man calls upon him to do. It is only his duty, it is only his right, it is only what he owes to the age in which he lives, what he owes to the spirit of progress, what he owes to the time in which he is making his pilgrimage on this earth, to put forth his best effort, to forget for the moment himself and his little selfish surroundings and to do as God has given him strength, all in his power to aid his fellow man, to aid his nation and whatever movement may be going along."

After referring to the vast good accomplished by the S. A. F. O. H., he urged all to make the Buffalo exhibition and convention worthy of the times and of themselves. In speaking of the New York Florists' Club, he said the eyes of horticultural America were always turned to New York; he hoped that every member of the club would do his best to make the coming Madison Square Garden show a grand success.

Mr. W. C. Barry, of Rochester, responded to the toast "Our Country," speaking of the works of American horticulturists which he said ranked second to none in the world, and which would still reach a higher standard through the earnest co-operation of those interested. He ended by an eloquent tribute to his country, which he said other nations of the world were beginning to know and respect—it took a few battles to convince them of our power but it was done.

"Our Profession" was responded to by Mr. John N. May, whose description of the struggles of the florists in bygone days reminded many of those present of their own experiences; he predicted that as tremendous strides had been made every few years in our profession the next decade or two would see still greater ones, that the standards now considered high would be improved upon, even more than those of the past were. Pointing to the immense vases of "Prosperity" and "Roosevelt" carnations which stood on each side of him, he said they represented the acme of perfection as we knew it today. He paid high tribute to the work of the landscape artists of the day.

"Our Societies," was spoken to by Ex-President Wm. F. Gude, of Washington, who enumerated the good accomplished by all the national and local floricultural and horticultural bodies; he was in favor of all making their working ways broader, that the new century would see an increasing usefulness, every year mark greater attainments by all the societies.

J. W. Withers in the unavoidable absence through illness of Mr. Robert Craig, replied to the toast of "Our Literature." Mr. Withers paid a glowing tribute to American horticultural literature which he said led the world and in ending referred to the contributions to it of many who were present.

In the much lamented absence of Wm. Scott, of Buffalo, Alexander Burns was called upon to answer to "Our Pastimes," and he was equal to his embarrassing position, eliciting much laughter by his happy references. The "Lord of Wood-side" did better than he sometimes does on the alleys.

"The Ladies"—ah, the girls; and who else but the polished chevalier Edmund M. Wood, Bostonwards, could be called upon to speak of them? Samuel Henshaw responded to "Old Times," and surprised the uninformed present when he stated that in the early days of the Florists' Club Mr. O'Mara's candidature was rejected several times because he was an Irishman. Great changes had come since that time, but he begged to assure his hearers that "old times" were not devoid of pleasant memories. He paid a well deserved tribute to the veteran florist, Chas. Zeller, who was present; they were the oldest florists there, but he was sure they were the youngest at heart that night.

Vice-President William Kasting, of Buffalo, made a few remarks on the pleasantries of the evening and urged all present to root for and "get off" at Buffalo next August. Alex. Wallace was called upon to speak for the "Trade Press," and sang a song instead. Walter F. Sheridan, president of the New York Florists' Club, was loudly called for, and in answer said he was proud of the committee's work and felt it a great honor to succeed Mr. O'Mara as president of the club.

After all present had given vent to their feelings in Auld Lang Syne some gradually stole away and others were loth to part. The tables were prettily decorated by Lawrence Hafner. Contributions of flowers were kindly sent by Traendly & Schenck, J. I. Raynor, Young, J. H. Taylor, John N. May, Rudolph Asmus, C. W. Ward, J. K. Allen, W. F. Sheridan, H. A. Siebrecht, D. Gindra and Dailledouze Bros. There were many gems on the table and the committee wishes to thank the donors for the generous response to their request.

To give a list of those present would only be writing out the names of those active in the workings of the club. Many were prevented from being present by fear of feeling Rubeish alongside dress suits and the glitter of diamonds. In justice to many friends of Mr. O'Mara, and to quote many of them, there would have been at least three times as many present were there not so much style about the affair, but the committee were determined to outshine all other affairs given by the club and they succeeded in doing so with credit to themselves.

Among those from a distance were John Burton, Wm. P. Craig, Robert Berry and Geo. D. Clark, of Philadelphia; Wm. C. Barry, of Rochester; E. M. Wood, of Boston; and Wm. F. Gude, of Washington, D. C.; Wm. F. Kasting, of Buffalo; W. C. Bussell and I. L. Powell, of Millbrook, and J. F. Huss, of Lenox.

Club Meeting.

The installation of officers for the year 1901 took place at the meeting of the Florists' Club on Monday night last and

Patrick O'Mara, President Society of American Florists.

the usual forms were gone through. The attendance was not very large, but it was alive. Mr. O'Mara introduced the new officers and expressed the hope that every member would give them the same support as they had given him. He assured them that in returning to the rank and file once more he would continue to devote his best efforts to advance the club's interests.

Walter F. Sheridan, in assuming the duties of chairman, said in part that he fully appreciated the high honor and responsibilities that were attached to the office and was desirous of doing his utmost to maintain the high standard reached by the club. He paid high compliments to the retiring president and reviewed the progress of the club during the past year. He sincerely hoped the good work would continue. The most important event before them was the grand show to be given in Madison Square Garden next October, the success of which depended on every individual member. A successful exhibition this year meant its establishment as an annual feature, assuring a brilliant future for the New York Florists' Club. He recommended the appointment of local committees to distribute literature and further the interests of the club among horticulturists.

He suggested that a summer outing be arranged for, where members and their families could meet and enjoy acquaintances. (This suggestion was immediately adopted and a committee will be appointed to carry out details.) He urged upon the standing committee of awards the necessity of securing exhibits during the year and recommended that the rules and regulations governing such be revised and made more liberal. He dwelt at length upon the importance of having novelties brought before the club and hoped the rules would be so revised as to encourage such exhibits. (This matter was discussed by many present and the committee was empowered to change the rules on exhibits.)

Continuing, he said he hoped to see the by-laws revised on the matter of nomination and election of officers. He was of opinion that a nominating committee should be appointed and that the election should occur the same night the nominees are put before the club. The question box was a matter he hoped would be taken up and used and that members "get on their feet" and talk on matters of interest.

Considerable discussion followed on the topics touched on and Mr. Sheridan's first night in the chair resulted in accomplishing much good. Chas. B. Weathered, on being introduced as the new treasurer with an old face, said he had only to say what he had said every year for the past twelve. His report showed the club to be in a very prosperous condition. Vice-President Wallace offered his best efforts to the club's welfare.

The club's annual dinner was discussed and it was decided to limit it to $3 a ticket. The following were named to arrange for same: J. Young, J. Lang, W. Burnham, L. Hafner and C. Weathered. A letter was read from Wm. Plumb, in England, thanking the club for its testimonial. The sum of $150 was set aside for the essay and entertainment committee, with many requests that good results would shortly be shown.

Mr. Withers, on behalf of the exhibition committee, said that the preliminary schedule for the Madison Square Garden show was almost complete, and asked for information on some points. The schedule will be put before the next meeting of the club.

Mr. Wallace moved that a carnation show be held in the club's rooms at next meeting; it was so ordered and the awards committee, Messrs. Birnie, Woerner, Schweinfurth, Duckham and Dailledouze, are requested to arrange for same. The house committee, Messrs. Burnham, Butterfield and Herrington, promise all facilities. A. C. Zvolanek, Grand View, Somerset Co., N. J., exhibited some beautiful new sweet peas, showing remarkable growth. One white named "Florence E. Denzer" gave evidence of considerable value. A pink variety called Improved Christmas was very fine, and another white labeled No. 6 showed much promise. The varieties were awarded honorable mention.

Mr. Birnie suggested that instead of a standing awards committee the chair should appoint specialists on the exhibits offered at each meeting; the matter will be taken up later.

The testimonial to John H. Starin for his kindness during the convention outing was read to those present and was ordered suitably framed.

Mr. Vincent, of White Marsh, Md., was introduced and gave some account of things in his district. He erred, however, when he blamed W. R. Smith, of Washington, for the evils of government seeds, etc. Mr. Smith stands for all that is pure in American horticulture. Several important committees were named and the meeting adjourned.

On Saturday, 19th, Arthur Herrington leaves on the S. S. Umbria for a short visit to Europe.

Business continues fairly good. Rose crops seem to be off and prices are in consequence high. Bulb stock is becoming plentiful. Azaleas are good and constitute the principal flowering plant at present. Many of the craft are ill.

Bowling.

Bowling on Monday afternoon resulted as follows:

Thellman	183	175	170	Lerscher	153	199	
Hafner	154	129	174	Sheridan	101	132	
Trendly	175	199	208	Roehrs	156	173	122
Small	171	145	168	Moody	144	153	
Burns	167	135	161	O'Mara	166	146	
Butterfield	169	125	82	Lang	207	166	
Shaw	112	95	112	Woerner	95	100	

J. I. D.

BUFFALO.

There has been a considerable drop in business this week past. It could not keep up at the gait it went during the holidays. There was one very large wedding on Delaware avenue last week at which Mr. S. A. Anderson presided and used many Bermuda lilies and roses. Violets are now coming in very abundantly, but with good roses and carnations there is not yet any too many.

It is usual for every florist to grumble about dark days. They will do it whether we have reason or not. Now, since New Year's we have had a few sunny days, or rather a few hours' sun on some days, but during November we had just one clear day, and in December but one day called clear by the weather man. How can you expect roses and carnations to flower freely under such conditions, and yet we do get more flowers than might be expected. We hear with

envy of the clear skies of Denver and many other cities nearer home that are more blessed with sunshine than we are at the foot of these fresh water seas, yet we can console ourselves with the knowledge that when they are blistering with torrid heat or parched with hot winds, sand, grasshoppers and general discomfort, we will have cool, enjoyable, balmy ideal summer weather. A specialty choice assortment has been prepared for the summer of 1901 and will be delivered on time.

I did myself the pleasure a few days ago to visit the large growing establishment of W. J. Palmer & Son. The growing end of the business was the delight of the old gentleman, as we always called him up to the time of his death, but he is there no longer to guide it. Nevertheless we look rather for an expansion of this big place, for W. J., Jr., is not only possessed of excellent business talent, but lots of enterprise as well, and it will be only the best structures, best methods and most advanced ideas that will find a resting place in this establishment.

It is only justice to say that a lad has grown up on this place—was never on any other—and they are often the most valuable of men—an enthusiast, a worker, a lover of his charge, and consequently a great success. This modest but efficient young man is Mr. Barney Myers. I don't know whether he has a wife and bairns, but not likely, as he would not have time to attend to them. I congratulate Mr. Palmer on having such a man to take charge of that important end of the work. The place looks fine. Cutting lots of roses out of three or four long houses. Barney shakes his head at Liberty and says it has to act better yet before it is profitable.

I was most interested in carnations. Lawson was looking just as a small batch of 200 at Corfu looks, and that's wonderful. Whatever difference of opinion there may be about its color, it is certainly the grandest habit of all the large flowered varieties. He likes Marquis as a flower, but up to date it is not free enough. White Cloud was fine enough to please any one, yet they don't like its habit of cropping. Flora Hill when at its best is preferred. Bradt is here grown magnificently and surely it must be most profitable. Suffice to say, they know little or nothing of stem rot in all their houses except among the fine variety Crane, and they are about all gone. With two years' experience with Crane I have not lost a plant from any cause. Now this establishment, either from the yellow clay soil they use for everything or from some other cause, grow old Daybreak to perfection. They would as soon think of discarding Daybreak as they would Bridesmaid rose, and from Daybreak they have three sports which they have whole houses of. One is a pure white, one much like Victor and the other a trifle lighter, with a faint stripe. The average grower would say and with reason, "They are good enough for me."

Pan-American.

Winter has arrested almost all work in the Horticulture Department. All shrubs, roses, herbaceous plants and bulbs have been amply protected. The lily ponds were allowed to form four or five inches of ice, which they quickly did during the cold spell in December. They were then covered with six inches of leaves and on that were spread hemlock boughs. The protection given to everything in the Horticulture Department as well as that of the Department of Works insures the best results in the spring. The Horticulture Building is complete and decorating the interior will soon begin. This is the most handsome of the many magnificent buildings on the grounds. The conservatories are also complete and steam heating is being installed and by the early part of February the conservatories will be ready for occupancy.

Two very large heated sheds have been erected with ample light and heat for the wintering of many large plants destined for the adornment of the grounds. In the greenhouses a great amount of propagating is going on and hundreds of thousands of bedding plants will be needed, for no space where flowers or color can enbance the beauty of the grounds will they be omitted.

Horticulture is perhaps considered a small part of this wonderful exposition, at least by those who take a special interest in electricity, ethnology, manufactures, etc., yet to all visitors the beauty and adornment of the grounds must appeal greatly and add to their enjoyment of the whole.

The Electric Tower has reached its full height and the woodwork and staff covering is nearing completion. It stands now 375 feet high and there is yet a noble statue to crown its summit. I would not pretend to tell you how much electricity will gleam from this great structure, but I do know that there are 300,000 incandescent electric lights on the buildings and grounds, exclusive of the Electric Tower.

The buildings are all roofed in and the interiors are fast nearing completion. The machinery building, the first large one erected, is ready to receive exhibits. The electric current from Niagara Falls was turned on a few nights ago and those who had the good fortune to see this magnificent building illuminated could form some idea of what the whole scene will be when completed.

The midway features are quite distinct from horticulture, yet all members of the profession, from the professor down, like to be amused, and in good, clean, novel and striking features this midway will eclipse all that has ever gone before. The picturesque and costly structures erected by concessionaires constitute a city in itself. While mud has been more a hindrance to work than frost, the winter on the whole has so far been most favorable. Work on the buildings has gone right along and ground work and road making has continued with little interruption.

William Scott.

CHICAGO.

The Market.

The supply has shortened considerably since last report, and there is a scarcity all along the line except in bulbous stock and violets. First-class tea roses are up to $8 and even culls will bring $3 and $4. American Beauties are very scarce and quality poor. Good carnations bring $2 to $3, and fancies as high as $4, while the poorer grades go at $1 to $1.50. The demand is good for the season and the market could take considerable more good stock were it to be had. The principal shortage is in good roses and light colored carnations.

This Wednesday we are being favored with some sunshine again, and if it continues the supply will no doubt quickly improve.

Violets seem to have lost some of their hold on popular favor, as they have averaged rather poor sale this season compared with last, at least in ordinary grades. Those that were extra good seem to have moved all right at good figures, but unless they were markedly superior sales were unsatisfactory.

Business in general has held up fully equal to preceding years since the holidays. The shipping demand is very heavy now.

Carnation Meeting.

Tomorrow (Friday) the annual carnation exhibition and meeting of the Florists' Club will be held in room 517 of the Atlas block, corner Randolph street and Wabash avenue. The exhibition will be ready for inspection by 2 p. m. and the meeting will be held in the same room at 8 p. m.

On the same day there will be an excursion to the establishment of the Chicago Carnation Co. at Joliet. The train will leave the Rock Island station at 11:45 a. m. and the party will reach the city again at 3:45 p. m. A special car will be provided by the Carnation Co.

Various Items.

Messrs. Eugene Dailledouze, Flatbush, N. Y., and William Nicholson, Framingham, Mass., have been visiting the growers in this vicinity.

John Zech is testifying to the fact that misfortunes never come singly. He recently lost one child from scarlet fever, and now another, his 7-year-old daughter, is down with it. And he has himself been laid up off and on with grip.

John Schneider, of Kansas City, arrived recently for a 4-weeks' stay. He is one of the oldest florists of Kansas City, having been there thirty years.

McKellar & Winterson are issuing a weekly bulletin and price-list in which a great variety of supplies are listed in addition to cut flowers.

C. M. Dickinson, Anton Then, Edgar Sanders and Frank Felke have returned from their 4-days' trip through the Indiana carnation belt. They visited Lafayette, Indianapolis, Richmond, Kokomo, Peru and Logansport. At Dorner's Mr. Dickinson was very favorably impressed with Lorna, which he says is a decided improvement on White Cloud. Dorothy, seen at Richmond, was a notably improved Scott. Peru, at Peru, he thought was extra good. At Kokomo he was much impressed with Mr. Coles' "three-decker" Golden Gates.

At E. H. Hunt's the partition that divided the store from the space formerly occupied by A. G. Prince & Co. is being removed and the available room is thereby very much enlarged.

Bowling.

At the series of league games played last Monday night the boys got the bad end of it for three straight games. Following are their scores:

G. Stollery	125	147	192
F. Stollery	166	157	132
J. Degnan	166	152	157
P. Hauswirth	131	135	173
C. Balluff	151	198	141

A series of games to take in all members of the club is now being planned. These are to last till convention time next August, and those with the highest averages to form the convention team.

Some types of Japanese dwarfed trees.

DWARFED JAPANESE PLANTS.

So much has been printed during the last few years regarding the dwarfed plants sent to this country by the Japanese that the accompanying engraving showing various types of these plants will be of interest. Though not beautiful, they are certainly very curious and well illustrate the skill and patience of the Japanese gardener in bending nature to his will. Some of the dwarfed trees seen in the engraving are said to be hundreds of years old and are still grown in pots. The branched cycas in the center of the group is particularly interesting and it and the retinospora just above and to the left possess some

beauty. The cherry trees in pots must be very dainty when in bloom. In regard to these products of the art of the Japanese gardener one who has lived and traveled extensively in Japan, now head of the importing firm of H. H. Berger & Co., New York, writes:

"The Japanese gardeners excel in all arts pertaining to horticulture, but stand unrivaled in the dwarfing of various plants. The methods they employ are to this day kept a secret, and in many families certain dwarf specimens are handed down from one generation to the next. It requires infinite patience and care and the stoicism of the Oriental to achieve these wonders of plant life.

"The Japan conifers form the greatest part of the dwarfed trees, the retinospora, pines, larches, etc., though beautiful specimens are seen of fruit trees, maples, bamboos, etc. It requires years to train these plants and their value increases until some very perfect specimens are held at exorbitant figures by their owners, while others are priceless heirlooms.

"These small trees imitate to full perfection all the various characteristics of their large prototypes—the thickness of stem, the spreading branches, the gnarled roots oftentimes protruding from the soil.

"Large quantities of these dwarf trees have of late years been brought to the United States and some have been sold at enormous figures. But it is to be regretted that these dainty exiles do not seem to take kindly to their new home, as most of them lose their leaves and do not thrive well in the close air of rooms, being used to the free and peculiarly soft air of their native climate."

ST. LOUIS.

The Market.

During the past week trade has been good; in fact ever since the new year began there has been but little if any complaint about business being dull.

Roses are getting to be plentiful and the price on Beauties is from 30 to 50 cents each. On Brides and Maids, $4 to $6, Meteors, $5 to $8, Perles and Wootons, $2 to $4 per 100. These prices are for first class stock. Carnations are plentiful and fine with the demand good. Scotts, Daybreak, reds and whites go at 2 cents; fancy kinds at 3 and 4 cents.

Romans are overplentiful and sell from $1.50 to $2 per 100; paper whites $2 and $3, but not so plentiful; callas $10 and $15; no Harrisii in the market yet. Violets have been quite plentiful and sold as low as 50 cents per 100 for the best. Smilax is very fine, two strings for 25 cents.

Notes.

Mr. E. W. Guy is reported very sick with the grip at his home in Belleville.

R. J. Mohr, of the Botanical Garden, has returned from his visit to his old home in Omaha. Mr. Mohr reports that our old friends, Hess, Swoboda, Henderson, Wilcox and others are doing nicely.

The last issue of the REVIEW was spoken of in St. Louis, by storemen and growers alike, as the best issue ever gotten out among the trade papers.

I am glad that we have, at last, heard from "Rocky" in regard to bowling. We are very glad that Berry, Mauff and Scott are doing so well in the city league. We have a few in our city league with good averages as Kuehn with 210, Ellison 198, and so on. In regard to the challenge during Easter week we will accept on one condition; that is, that the match is rolled in Chicago and the losing team pay all expenses. Now Rocky send on your challenge in writing and you will hear from us by return mail.

Club Meeting.

The January meeting of the St. Louis Florists' Club was a big one and well attended, thirty members being present. Mr. Ammann, owing to the illness of President Guy, occupied the chair.

The show committee was given one more month in which to settle up the affairs of the last show. The Galveston relief committee made their final report and were discharged.

The next meeting of the club will be the annual rose show and $10 ($5, $3, $2) was donated for prizes.

The carnations on exhibition were fine. W. J. & M. S. Vesey, Fort Wayne, Ind., exhibited Crane, Lawson, Bradt, White Cloud, Crocker, Wood and Marquis which were of fine quality and were well grown. They were given special mention.

J. L. Dillon, Bloomsburg, Pa., sent a vase of Queen Louise, a fine white, which was given special mention.

F. Dorner & Sons Co., Lafayette, Ind., showed Lorna, a fine white which was awarded a certificate of merit, and Morning Glory, which received special mention.

The Chicago Carnation Co., Joliet, Ill., staged one of the finest lots of carnation blooms ever exhibited at our show. Among them were No. 78, on the order of Bradt; Nydia, good variegated; the famous Lawson; Chicot, variegated; Mrs. J. J. Shedd, a good red; Mrs. Higinbotham, light pink; Sunbeam, shell pink; Prolifica, a good red and Bon Homme Richard, a fine white.

H. Weber & Sons, Oakland, Md., exhibited Egypt, a dark red, and Norway, a very fine white.

Crabb & Hunter, Grand Rapids, Mich., sent Irene, a good pink.

C. Besold, Mineola, N. Y., sent Admiral Cervera and Goethe.

All the above were not entered in competition for the prizes offered by the club.

The following local growers entered for the prizes:

John Stridel staged a fine vase of 50 mixed blooms and captured first prize; J. F. Ammann, second, with a vase of 50 blooms composed of White Cloud, Lord, Crane, Daybreak and Joost; Henry Emundt, third, with 50 White Cloud which were fine; Dr. Halstedt a vase of 50 mixed; J. W. Dunford a vase of fine Melbas and White Clouds and Frank Fillmore a vase of his finest Flora Hills.

The judges for the exhibition blooms were Dr. Halstedt, F. Fillmore and J. W. Dunford; on prize blooms, James Hartshorne, F. M. Ellis and Max Herzog.

After the prizes had been awarded we were favored by Mr. Hartshorne with a few remarks on growing good carnations.

The visitors were H. Johanu, Collinsville, Ill.; J. F. Ammann, Edwardsville, Ill.; Dr. Halstedt, H. Emundt, Adolf Fehr and G. Groshart, Belleville, Ill.; F. W. Ude, Jr., H. G. Ude, W. Winter, Theo. Richter, Kirkwood, Mo.; J. W. Dunford, J. Stridel, Central, Mo., and James Hartshorne, Joliet, Ill.

At the next meeting essays will be read by H. G. Berning, F. C. Weber and J. J. Beneke.

Bowling.

The bowling club rolled four games Monday night and some fair scores were made. A. Y. Ellison was not able to be present, owing to his team in the city league rolling the same night. The scores were as follows:

	1	2	3	4	Tot.	Av
J. J. Beneke	174	206	142	522	174	
C. A. Kuehn	154	175	147	154	635	159
William Adels	192	133	147	145	617	154
John Young	138	119	159	123	539	135
F. C. Weber	119	116	145	123	503	126
Frank M. Ellis	108	96	117	124	445	111
Theo. Miller	...	...	121	75	196	98

J. J. B.

INDIANAPOLIS, IND.

Various Items.

Trade has settled down again to its normal conditions and prices are about the same as before the holidays. New Year's day here, like in other cities, has ceased to cause any great activity among the florists. Thanksgiving day seems to have taken its place and how much better it is for all of us who are continually combating floral gluts and famines. Thanksgiving day comes in mighty handy just at that time to clean up the market, which is usually pretty well crowded. After Xmas, trade is rather brisk any way and we can get along nicely without a special rush at New Year's. What we need now is another big day about the middle of February and we hope that the increasing demand for flowers on St. Valentine's day will double and treble until it will rival Xmas in the amount of flowers it will call for.

On Jan. 16 a party of 150 lumbermen started from here on a trip through ten of the southern states and Cuba. They will be gone fifteen days, with five days in Cuba. Mr. A. Wiegand is one of the party and no doubt he will see a good deal of interest on the way.

Meeting of the State Florists' Ass'n.

The State Florists' Association met on the 8th in the horticultural rooms at the state house. This was the annual meeting and many florists from in and out of the city were present. All the old officers were re-elected with the exception of the first vice-president, Mr. Wm. Langstaff, who is succeeded by Mr. Frank Alley. The president in his address suggested that we not only try to make money out of our business, but that we try to save what we do make. He suggested that we build more lasting and substantial houses instead of houses that will rot down in about ten years, like most of them do now. We should save fuel by covering our boilers and large steam pipes with asbestos and many other methods he spoke of in a very interesting and instructive manner. The secretary's and treasurer's reports show the society to be in good condition financially.

A lively discussion was precipitated by a proposition made by Mr. J. Bertermann for holding a fall show. Four florists and four city merchants are to guarantee the payment of all premiums and all other expenses and to take full charge of the show except making out the premium list, which is to be made out by a committee selected from the society. This was afterward amended so that the number of persons taking charge of the show is not to be limited to eight if it is necessary to have more in order to secure a sufficient fund. Further report is to be made at the next monthly meeting.

It was decided to send a pressing invitation to the National Carnation Society to hold its annual convention in this city in 1902.

A fine exhibition was held in connection and some very select stock was displayed. More seedling carnations were expected, but those that were here were fine.

Certificates were awarded to The E. G. Hill Co. for a new rose named White Lady. This seems like a greatly improved Pres. Carnot, and Mr. Hill says it blooms fine all winter. The same firm was also awarded a certificate for a vase of carnation Avondale, which is a pink sport from Armazindy. This firm also showed a light pink of Daybreak shade named Elma, which, unfortunately, were badly crushed in the box. In stem and size it is grand and we are in need of an improved Daybreak. A vase of Marquis was fair, as also was a vase of roses, Liberty and Sunrise.

Stuart & Haugh of Anderson showed a vase of carnation Avondale.

W. W. Coles of Kokomo showed vases of carnations America, E. Crocker and Mrs. Bradt.

Baur & Smith of this city showed vases of fine Jubilee, America and Mrs. F. Joost.

South Park Floral Co. of New Castle showed a fine vase of Bridesmaid roses.

Bertermann Bros. filled a table with foliage plants, orchids and other choice flowers and plants. A tall vase filled with poinsettias showed up grand; also a large vase of mixed carnations. This firm also showed a pan of excelsior brand valley which was fine.

H. W. Rieman also filled a table with plants and flowers, among which were some fine cyclamen and Begonia Gloire de Lorraine plants and some vases of carnation seedlings of his own.

John Hartje showed a vase of a yellow chrysanthemum, which is certainly fine for so late. E. G. Hill is to introduce it this spring.

The Young & Smith Co. of this city showed some excellent Marie Louise violets.

At five o'clock the members as a body were shown through the new Columbia Club building, which is said to be the finest of its kind west of the Alleghenies. Very few of us had ever seen anything like it and all envied those who are fortunate enough to be members of the Columbia Club.

Mr. Herbert Heller of the South Park Floral Co. invited the society to visit their place on Feb. 15, which invitation was accepted.

Mr. E. A. Nelson invited the society to hold its February meeting at his place, which also was accepted.

Visitors from out of town were: E. G. Hill, of Richmond; W. W. Coles, of Kokomo; H. Heller, of New Castle; J. A. E. Haugh, of Anderson. A. B.

BENDIGO, AUSTRALIA.—In the Bendigo *Advertiser*, of Nov. 23, 1900, appears an interview with Peter Barr, in which he says he had never seen any daffodils so beautiful as those in the exhibits at Melbourne.

BEARDSTOWN, ILL.—Frank Bros. have purchased the greenhouse and business of Frank Burtenshaw and will combine same with their own. Mr. Burtenshaw will remove with his family to Detroit.

WORCESTER, MASS. — The Worcester County Horticultural Society has issued its program for 1901. Copies may be had by those interested by addressing A. A. Hixon, secretary, this city.

DOUBLE PETUNIA.

...Dreer's...
Double Petunias

For many years the Double Petunia has been one of the specialties of our establishment, and again this season we have grown many thousands of seedlings from which our collection has been selected, embracing only such distinct fringed varieties and colors that are especially suited to the retail trade.

We offer strong 3-inch pot Stock Plants that will in a short time furnish a liberal quantity of cuttings in 15 distinct varieties, **$1.00 per dozen, $8 per 100. Set of 15 varieties for $1.25.**

PETUNIA SEED.

Suberb Double Fringed, 500 seeds, 75c; 1000 seeds, $1.50.

Superb Single Fringed, trade packet, 50c; ½ ounce, $2.50.

HENRY A. DREER

714 Chestnut St., PHILADELPHIA.

Mention The Review when you write.

QUEEN LOUISE.

In the advertisement of Mr. J. L. Dillon, page 197 of our last issue, the title under the engraving should have read "Easter crop of Queen Louise" instead of Christmas crop. The Christmas crop was shown in the illustration that appeared on page 185 of the same issue.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

WANTED—A strictly sober night fireman that knows his business. Steam boiler. H. McMichaels, Morton Grove, Ill.

WANTED—A small second-hand hot water heater. Must be in good order. E. S. Easterday, Nokomis, Ill.

SITUATION WANTED—By a young man in private or commercial place; 7 years' experience; age 22. Please address J. Jackson, care W. A. Procter, Glendale, Ohio.

WANTED—An experienced assistant for down town store in Chicago. Must be able to wait on trade, decorate and do general florists' work. State age, salary expected and give references. Address 15, care Florists' Review.

SITUATION WANTED—Carnation grower wishes engagement with some reliable party. Olsen, 58 Commerce Street, Rahway, N. J.

WANTED—Two good rose growers to take charge of sections. Steady positions for the right parties. Address J. F. Wilcox, Council Bluffs, Iowa.

FOR SALE—Coil boiler, with grate-bars, door and frame; nearly new, will heat 5,000 square feet of glass. Geo. Staffinger, Springville, N. Y.

WANTED—At once, good assistant for greenhouse work in place where general stock is grown. One with experience in outside work, bedding, etc., preferred. Steady job for right party. Address S S, care of Florists' Review.

SITUATION WANTED—By a first class grower of roses, carnations, violets; competent to take charge; state wages and particulars in first letter. Address C. L., 308 S. Laurel Street, Richmond, Va.

SITUATION WANTED—By young man with four years' experience in cut flower and plant growing. Please state wages when writing. Address E. L., care of Florists' Review.

WANTED—Hot water boiler capable of heating 1,500 square feet of glass. I. M. Brainard, market gardener, Gouverneur, N. Y.

WANTED—Estimate on 120 boxes of double A glass, 14 x 18 or 16 x 24. J. F. Ammann, Edwardsville, Ill.

WANTED—To rent, with privilege of purchase, greenhouse plant of 3 to 4000 feet of glass; Ohio or Indiana preferred. Box 47, Montgomery, Ohio.

WANTED—Good, steady man for greenhouse work, one who is not afraid to work; steady employment the year round. H. S. Baker, Warsaw, N. Y.

FOR SALE No. 17 Hitchings boiler, used one season, 1,000 ft. 4-in. pipe, all warranted good condition. Price $125, on board cars at Philadelphia. J. W. C., care Henry F. Michell, 1018 Market St., Philadelphia, Pa.

For Sale.

An interest in one of the largest and most widely known Florist Establishments can be purchased by a live man with greenhouse experience. Located in a city of over 200,000 inhabitants, in a Middle State. Catalogue, cut-flower and plant trade established. For the right man no better opening could be desired.

For particulars address **X. N.,** Care of Florists' Review, Chicago, Ill.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Primroses. In bud and bloom, large flowered, every color. We will sell for two weeks only as we need the room. 4-inch, 20 for $1.00. Write quick. **WHITTON & SONS, Wholesale Florists, City and Green Sts., UTICA, N. Y.**

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.

HITCHINGS & CO., 233 Mercer St., New York.

Mention The Review when you write.

BOSTON.

Trade Conditions.

Neither supply nor demand is of any weight at present. An exception must be made in the case of violets, because the demand is not very heavy and the supply is plentiful enough so that prices have been falling for a week or more and have now got down to about 35 cents per 100 on poorer grades, and best ones go hard at 75 cents. A cent and a half has been buying a pretty fair pink, but figures struggled up a little at the end of the week, while small roses were very scarce during the last two or three days of it, with a corresponding advance in price upon them. Larger grades were plentiful enough to fill all orders at about $2 per dozen for best, this price being beaten for but few. Bulb goods and lilies continue in plenty; small white flowers getting a little scarce.

Various Items.

The world-famous firm of Lawson, Galvin & Fisher is dissolved. Mr. Peter Fisher carries on the Lawson carnation business at the old stand. He has named his best new white one the "Governor Wolcott." If he can make the plant exist as long as that name will endure in Boston a future is assured. And did you notice that the frontispiece in the Carnation Number of THE REVIEW consisted of a picture of Mr. Fisher's boy with a bunch of his favorite carnations?

Edward S., the 18-year-old son of George Cartwright, has gone to Shasta county, California, to accept a fine position in the Trinidad, Thomas W. Lawson's best copper mine. J. S. MANTER.

A CENTURY CATALOGUE.

We have received a copy of the one hundredth annual catalogue of the firm of J. M. Thorburn & Co., New York, and it is a fitting one with which to round out a completed century of a successful business. On the cover appears in colors the flower spike of a "Century plant" and a flyleaf inside carries a fine portrait of Grant Thorburn, the founder of the house. There are 116 pages of descriptive matter and interspersed are numerous fine half-tone engravings on enameled paper. We are pleased to see these half-tone engravings from photographs taking the place of the old time catalogue wood cut. They are truthful and satisfying. They cannot be improved upon as a means of giving an accurate impression of the subjects. The catalogue is one that all interested in seeds and plants should have. It is one of those catalogues that you naturally preserve for reference on account of the intrinsic value of its contents.

ALGONA, IA.—J. P. Fohlin is preparing to enter the business here and will erect a greenhouse in the spring.

BATTLE CREEK, MICH.—Claude C. Warburton will build a greenhouse in the spring and will conduct a commercial business.

WE HAVE received from Walter Retzer & Co., Chicago, a copy of their "American Beauty" calendar, which is very dainty and beautiful.

HUTCHINSON, KANS.—S. G. Johnson, the florist, died Oct. 26 last, aged 68 years.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists, Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
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Wholesale Dealers in Everything for Florists.

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Good " "	5.00 to 7.00	"	
Perles	5.00 to 6.00	"	
Meteors	6.00 to 10.00	"	
Roses, our selection	4.00	"	
American Beauties			
Long	5.00 to 7.00	per doz.	
Medium	3.00 to 5.00	"	
Short	1.25 to 2.00	"	

Carnations, fancy	$3.00 to $4.00	per 100
" fine	1.50 to 2.00	"
" our selection	1.25	"
Smilax	1.50 to 2.00	per doz.
Ferns, Adiantum	1.00 to 1.25	per 100
" Common	1.50 per 1000	
Galax Leaves	1.50	"
Lily of the Valley	4.00 to 5.00	per 100
Roman Hyacinths	3.00 to 3.50	"
Violets	.75 to 1.25	"
Paper White	2.00 to 3.00	"
Asparagus	60c per string	
Leucothoe Sprays	75c per 100	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

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I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant	3-inch pot	12 inches high	$ 25.00	per 100
3 "	5 "	18 "	$1.00 each,	100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50 per doz.	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "

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300,000 ROSES,

also Geraniums, Chrysanthemums and full general stock.

Send for price list — now ready.

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{ Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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CHESTNUT HILL, PA.

The regular monthly meeting of the Chestnut Hill Horticultural Society was held at Joslin Hall on Tuesday evening, the 8th inst., Vice-President Alexander Stewart presiding. The committees for the year were announced and four new members admitted.

The following premiums were awarded:

For the best plant of Jerusalem cherry and for the best ornamental-leaved begonia—first in both cases, to H. Reuter, gardener to Mr. Chas. W. Henry.

Wm. Kleinheintz took first in each of the carnation classes, with Flora Hill, white; Ethel Crocker, pink; G. H. Crane, red. These vases of 25 blooms each were especially fine, the flowers being unusually large and substantial and carried on good stems.

For the best twelve radishes—first to John Hobson, first assistant gardener with Robert N. Carson.

For the best six mushrooms, best six turnips, fit for table use—first to John Little, gardener to John Lowber Welsh.

For the best six tomatoes, best six ears of field corn—first to Geo. W. Brown, gardener to R. N. Carson.

Mr. John Marsden, who succeeds Mr. Robt. G. Carey as secretary, took care of his new position. It was with considerable regret that the society parted with Mr. Carey's services, as during the past year he had proved himself an able and conscientious worker, but his numerous duties made it impossible for him to continue with the increasing work of the position. H.

DETROIT.

Mr. C. W. Ward, the well-known florist of Queens, N. Y., who is one of the sons of the late David Ward, of Pontiac, Mich, is here and has secured from Judge Geo. W. Smith a temporary injunction restraining the executors of the estate from extending several railways belonging to the estate and investing a large sum in a new lumber mill. The Ward estate is estimated at from $10,000,000 to $12,000,000, and C. W. Ward is one of the six children of David Ward. A hearing has been set for next Saturday, at which a motion to enlarge the injunction so as to further restrain the executors will be heard.

BOSTON, MASS.—Andrew H. Ward, the agricultural chemist, died Jan. 5.

HOUSTON, TEX.—F. G. Laeverenz, formerly of Galveston, has located in this city and will establish a business here. His present address is 97 N. E. Velasco street.

GALVESTON, TEX.—F. G. Laeverenz has removed to Houston, Tex., where he will establish a business. His present address is 97 N. E. Velasco street, Houston.

SIGOURNEY, IA.—At the annual meeting of the Iowa State Horticultural Society at Des Moines last month, Mr. Henry Schroeder, of this city, read an interesting paper on "Figs in Iowa."

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

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HYGROMETER OR MOISTURE GAUGE.

This Moisture Gauge tells you the difference between dryness and dampness in your greenhouses. We have been testing two of these moisture gauges several months and find they are more indispensible than the thermometer. If you keep this moisture gauge at 70 degrees you will have neither mildew nor red spider in your rose houses. If you keep it at 80 degrees you will not have rust nor red spider in your carnation houses. If you keep it at 85 degrees you will never have fungus in your rooted cutting houses. If you keep it at 75 degrees you will not have decayed leaves in your geranium houses; and if you have a moisture gauge in every house 100 feet long and keep it at above figures you will make at least $100 more per year from each house. Who wants to buy mildewed roses or rusty carnations?

To operate this moisture gauge it is essential to wet the walks in order to get the proper dampness. If your houses are too damp in winter, fire up a little and in the summer time open your ventilators. This has been obtained only by years of experience. Now you can tell your greenhouse hands to keep it at 70 or 80 degrees as you want it, just the same as you tell your fireman to keep the temperature in such a house at 60 degrees. We never had any intention to sell moisture gauges, but they are doing us so much good we have obtained some we can sell at $2.50 each but we think you will want more. These moisture gauges are made in Germany and France. The French machines come at $10.00 each; they are quite an ornament and no cheap truck. We will give one of the $2.50 machines FREE for a $20.00 order for plants, or rooted cuttings, or unrooted cuttings, from our 1901 catalogue, or from our ads. in the trade papers; or we will send you one for $2.50, and after 10 days' trial if you do not like it you may return it and get your money back.

The Morris Floral Co., Morris, Ill.

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Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100.

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CHINESE SACRED LILIES, 120 bulbs in a mat, $1.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small, **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by

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NICE PLANTS. Per 100

Alternantheras, yellow, $1.75; red,	$2.00
Geraniums, my selection	3.00
Coleus Mix and Ageratum	2.00
Asparagus Sprengeri	2.00
Vinca Vines	3.00

Cash or C. O. D.

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GERANIUMS. Fine large plants; S. A. Nutt, Grant, Red Bruant, La Favorite and Pink, 2¼-in., ready for shifting, $2.00 per 100.

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Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 20 varieties, 60 cts. per 100, $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratum, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Geraniums, 2¼-in., all named, $2.50 per 100; $20.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

S. D. BRANT, Clay Center, Kans.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

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A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

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GERANIUMS, Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. L. M. Gaar, Mme. Jaulin, Frances Perkins and other varieties, strong 2½-inch plants, $2.50 per 100; $22.50 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $6.00 per 1000.

VERBENAS, Buckley's Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¼-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2½ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong R. C., $1.00 per 100.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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100,000 R. C. CARNATIONS READY TO SHIP

	Per 100	Per 1000
Mrs. Thos. Lawson, pink	$6.00	$58.00
Genevieve Lord, light pink	4.00	38.00
Ethel Crocker, light pink	3.50	30.00
Morning Glory, shell pink	3.00	25.00
Mrs. F. Joost, pink	1.50	12.50
Argyle, dark pink	1.50	12.50
Daybreak	1.50	12.00
William Scott	1.00	8.00
G. H. Crane, scarlet	2.50	20.00
Chicago, scarlet	3.00	25.00
America, scarlet	2.50	20.00
Peru, white	3.00	25.00
Meiba, light pink	1.50	12.50
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	1.75	13.00
Olympia, variegated	3.00	40.00
Mrs. G. Bradt, variegated	3.00	25.00
Armazindy, variegated	1.00	8.00
White Cloud	1.50	12.50
Flora Hill	1.50	12.00
Mary Wood	2.00	18.00
Gold Nugget, yellow	3.00	25.00

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H. E. MITTING, Manager. FORT DODGE, Iowa

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Brides, Maids, Perles, Meteors, Pres. Carnot, American Beauties, Wootton, Golden Gate, etc. Perles in 2-inch pots, ready for a shift. A bargain. Best bedding varieties. Rooted Cuttings. Write

GEO. A. KUHL, - PEKIN, ILL.

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Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $4.00 per 1000, f. o. b. express here.
Cash with order.

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	Per 100
Abutilon Var. Trailing	$1.50
" Savitzi	2.00
Achyranthes	1.00
Alysum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer Struck)	1.00
Alternanthera (W. struck)	.60
Ageratum, Princess Pauline	1.25
" blue and white	1.00
" Stella Gurney	2.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Fuchsia, 8 varieties	1.50
" Sunray	2.00
" Trailing Queen	2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.25
" (English)	1.50
Ivy Kenilworth	$1.00
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pelargonium, Mixed	3.00
Petunia, Mixed	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Scevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

GERANIUMS.

Mrs. Parker	$ 4.00
Silver Leaf	1.50
Ivy Leaf, Named	1.50
Mrs. Lawson	2.50
Countess de Harcourt	2.50
Bronze Bedder	4.00
L'Elegant	4.00
America	15.00
Rose Scented	1.50

New Set of 20 Named, post paid, $1.00.

Your selection of the following at $2 per 100: Mrs. Taylor, Dr. Livingstone, P. Crozy, Bronze named, Mme. Bruant, Wonder, Fr'k of Nature, Happy Thought, Beaute Poitevine, Alphonse Riccard, Ivy Leaved, E. G. Hill, Dbl. Grant, S. A. Nutt, J. M. Gaar, Frances Perkins, King Olga, Grand Chancellor, etc.

Our selection of the above, $15.00 per 1000.

Mixed varieties unnamed, $1.25 per 100. Mme. Salleror, $1.25 per 100.

Your selection of the following at $1.75 per 100: J. Y. Murtland, Single Grant, La Favorite, Rev. J. B. Atkinson, Glo. de France, Eliza, etc.

Our selection of the above, $12.50 per 1000.

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 2½-in	$1.00
Abutilon, Variegated, Trailing, 4-in	6.00
Alyssum, Variegated, 2¼-in.	4.00
Antherieum, 2¼-in	4.00
" 3-in	6.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	4.00
Coleus, 2-in	3.00
Cineraria, 2¼-in	3.00
Daisy Snowcrest, 2½-in	4.00
" 3-in	6.00

	Per 100
Fuchsia, Tr'ng Queen, 2½-in	$4.00
Forget-Me-Not, 2½-in	3.00
" 4-in	10.00
Geraniums including the following: Happy Thought, Bronze, Silver Leaf, Freak of Nature, etc., 2½-in	4.00
Geraniums, Mrs. Parker, 2½-in	6.00
Common Named, 2¼-in	3.50
L'Elegant, 2-in	6.00
Hydrangea, P. & White, 3-in	6.00
Impatiens Sultani, 2¼-in	4.00

	Per 100
Manettia, 2¼-in	$4.00
Primrose, (Chinese), 2¼-in.	3.00
Vinca Var. 2-in	2.50
" 2½-in	3.00
" 3-in	4.00
" 3½-in	6.00
" 4-in	10.00

Stock quoted at $2.00 per 100, $17.50 per 1000; at $1.75, $15.00 per 1000; at $1.50, $12.50; $1.25, $10.00 per 1000; at 60 cts., $5.00 per 1000; at $1.00, $9.00 per 1000.

Terms Cash or C. O. D.
Send for Descriptive Circular.

GREENE & UNDERHILL, Watertown, N. Y.

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ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

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	100	1000
Mrs. T. W. Lawson	$ 7.00	$ 60.00
Marquis	6.00	50.00
Genevieve Lord	6.00	50.00
Dorothy, Irene	10.00	75.00
Prosperity (60)	16.00	130.00
Roosevelt	12.00	100.00
Ethel Crocker	4.00	35.00
G. H. Crane	5.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Queen Louise	10.00	75.00

	100	1000
Mrs. Frances Joost	$2.00	$15.00
Evanston	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Gov. Griggs	2.00	17.50
Triumph	1.50	12.50
Melba	2.00	17.50
Mary Wood	2.00	17.50
Gold Nugget	3.00	25.00
America	3.00	25.00

ROOTED ROSE CUTTINGS.

Am. Beauty Ready later.
Liberty Write for prices.

	100	1000
Meteor, Bride	$1.50	$12.50

	100	1000
Bridesmaid	$1.50	$12.50
Golden Gate	2.50	20.00
Kaiserin, Perle	1.50	12.50
La France	1.50	12.50

Florists ordering of us can rest assured of obtaining first-class stock, as we vouch for every cutting sent out.

WHOLESALE FLORISTS

Hydrangeas, 5 and 6-in. pots, fine plants, budded for Easter forcing, $8.00 per doz.; $20.00 per 1000.

Ivy Geraniums, fine, 2½-inch pots, $2.50 per 100.

California Giant Marguerites, 3-inch pots, $2.50 per 100.

Ageratum, Princess Pauline, 2½-inch pots, $2.50 per 100

Geraniums, rooted cuttings, Gen. Grant, S. A. Nutt, La Favorite and 50 other varieties, single and double mixed, $1.50 per 100.

Fuchsias, rooted cuttings. Phenominal, Black Prince, Storm King, Little Beauty, $1.50 per 100.

Boston Ferns, ready for 6-inch pots, $3.00 per doz., $20.00 per 100; 5-inch, $6.00 per 100.

Cash with order.

CONVERSE GREENHOUSES,
Webster, Mass.

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CABBAGE. Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO. Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

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WHITE MARSH, MD.

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THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00
12 Plants	5 00	100 "	16 00
25 "	8 25	250 "	37 50
500 Plants	$ 70 00		
750 "	101 25		
1000 "	130 00		

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., - Flatbush, N. Y.

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KANSAS CITY, MO.

New Year's day trade was in keeping with that of the previous week, there being a brisk demand for all good stock with no reduction in prices.

The new century was ushered in with a grand ball given at Convention hall. Everything was carried out on a most elaborate scale, it being the intention to make this ball the grandest affair of the kind ever held in Kansas City. The immensity of the decoration may be judged from the fact that twelve car loads of southern smilax, holly and other green material were used, all of which were purchased from the south, and put up under the direction of the committee in charge, consequently the florists' services were dispensed with. The spacious corridor surrounding the hall was turned into a regular forest, all the wood and stone work being completely covered with hemlock and needle pine. This feature of the decoration was much admired. Settees were placed among groves of trees and refreshments served after the style of a summer garden party.

The boxes in the main hall were trimmed with magnolia sprays and artificial flowers used in the absence of real blooms. From the sides and corners of the great hall, massive festoons of evergreens two hundred feet in length extended to a false ceiling or panel formed beneath the steel rafters, which were closely covered with smilax; from the center of the panel depended a huge bell of evergreen fifteen feet in diameter. At every glance whole holly trees could be seen heavily laden with berries. The entree decoration was interspersed with beautiful colored electric lights. Gorgeous indeed were the costumes worn there by the 400 on the night of Dec. 31st; and every lady was either carrying or wearing a bouquet of the best flowers obtainable.

Business remains active, with a scarcity of all kinds of stock. Weather is mild with plenty of sunshine, which ought to make the growers feel happy.

H. J. M.

Springfield, Ill.—The W. T. Buckley Plant Co. has succeeded to the business of the South Side Floral Co. H. P. Buckley retires from the business on account of ill health and it will be carried on by his son under the above mentioned title.

The Lehman wagon heater has grown very rapidly in popularity with florists and is now considered indispensable for all deliveries of plants and flowers in cold weather. Its extreme simplicity and inexpensiveness are its great advantages.

167,000 ROOTED CARNATIONS READY TO SHIP

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light			
cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeKoo Mitting, white, tine, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 1901	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Prolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Pink sport from Victor and Armazindy (Hill), 1901	1.50	10.00	75.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00
		Per 100	
Mrs. Thos. W. Lawson, cerise pink		$5.00	
Olympia, variegated		4.00	
Mrs. Bartlett, scarlet		3.00	

	Per 100
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.00
Chicago, scarlet	2.50
America, scarlet	2.00
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

We Root 10,000 Carnations a Week.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3½-in	$5.00
True Boston Fern, 3½-in	5.00
True Boston Fern, extra strong, 2½-in	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2½-in	1.50
10,000 Cigar plants, 2½-in	1.50

	Per 100
10,000 M. Louise Violets, 2½-in	$1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss, for baskets, 2½-in	1.50
5,000 Choice Mixed Geraniums, 2½-in	1.50
5,000 Jerusalem Cherries, 2½-in	1.50
1,000 Vinca variegatum, 2½-in	1.50

25 Plants at 100 rate. Cash or C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation prodnces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00**; per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

Climbing Roses.

TWO GRANDEST:

Climbing Kaiserin, white,
$10.00 to $15.00 per hundred.

Climbing Wootton, red,
$10.00..... per hundred.

Field grown, own roots, 2 to 3 feet.

Plenty of other sorts, bush and climbers, hardy and tender

THE HOWLAND NURSERY CO, LOS ANGELES, CAL.

We are booking orders for Rooted Cuttings of **CARNATIONS.**

All the best varieties. Write us.

GEO. HANCOCK & SON. Grand Haven, Mich.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

Sunbeam: Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems ..... Per doz. $1.50, Per 100 $10, Per 1000 $75

Bon Homme Richard: White, extraordinary free blooming; fine form, good size. Stems 2½ to 3 feet long.. $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem $1.50 $10 $75

Prolifica: Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer..... $1.50 $10 $75

First lot ready February 1, of the above four varieties.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

		Per 100	Per 1000
Mrs. Thos. W. Lawson	cerise pink	$6.00	$50.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Maceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Armazindy	variegated	1.00	8.00

Rooted Cuttings Now Ready.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation..	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	120.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

FOR SALE.

Smilax, from flats .....30c per 100; $2.50 per 1000
" from 2-inch pots.....$1.00 per 100
Cyperus Gracilis, 4-inch .....75c per doz,
Tomato Plants, pot grown, Beauty and Lorillard.

MRS. GRISWOLD, - Worthington, Ohio.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

NORWAY.

The biggest commercial white carnation ever introduced. A business, money-making carnation in every sense of the word. It combines large size (3½-in. diam.), length and strength of stem, wonderfully vigorous, growth free, uninterrupted, continuous profusion of blooms. Flowers open very quickly; no waiting three or four days for them to develop. Like Genevieve Lord it blooms early and keeps it up. We unhesitatingly recommend it to every grower as the best white. If you grow Norway you will not be compelled to grow several varieties in order to keep up a succession. Its sterling worth must it once be apparent.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

READY FEBRUARY 15th.

EGYPT.

Scarlet crimson. The most really good dark carnation which can boast of first-class commercial stems (2½ to 3 feet and a rich spicy odor. It is regal in appearance; possesses all the attributes of a first-class commercial carnation; it is decidedly the best keeper of all dark varieties. Does not bloom as early as some varieties but can be had in good flower by November 1st to 15th. Its rich color, about same shade as Jacqui or Rose, makes it a good seller. The stiff stem gives it that substantial appearance which always insures a good price. It is so distinct that every grower should have it.

GENEVIEVE LORD.

The only pink carnation which can rightfully lay claim to the proud prestige of having superseded the hitherto invincible William Scott. It is not only as good as Scott was in its palmiest days but is actually superior to that variety in every way. Certainly a large claim, but one which is fully borne out by facts. In addition to this, Genevieve Lord commands a price beyond the reach of the best Scotts which ever grew. A carnation like this is only produced once in a great while. Our stock is in extra fine shape, free from all disease. Ready now. Order at once. It is having a great second year run.

Price $6 per hundred, $50 per thousand.

The above three varieties are a great trio. There is wisdom in placing your order early.

PROSPERITY, ROOSEVELT, IRENE, QUEEN LOUISE, DOROTHY, LORNA, MERMAID and other new varieties at introducers' prices.

CHRYSANTHEMUM TIMOTHY EATON and all other good new varieties; also the best standard sorts.
Let us book your order now for future delivery.

H. WEBER & SONS, - OAKLAND, MD.

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BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: {ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, variegated, trailing, 2¼-in., $4.00; 3-in., $6.00 per 100. Rooted cuttings of same, $1.50 per 100. Abutilon Savitzi, rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Abutilon Savitzi, rooted cuttings, 30c per doz.; $2.00 per 100. S. T. Danley, Macomb, Ill.

ACALYPHA.

Acalypha marginata, 2½-in., $3.00; 3-in. $4.00, 4-in., $6.00 per 100. Nanz & Neuner, Louisville, Ky.

AGERATUM.

Ageratum Princess Pauline, R. C., 75c per 100; 2 in. pots, ready for shift, $2.50 per 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums Stella Gurney and Dwarf White, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Princess Pauline ageratum, 2½-in., $2.50 per 100. Converse Greenhouses, Webster, Mass.

Ageratum, blue and variegated, 3 in., $3.00 per 100. Geo. W. Fetzer, Allentown, Pa.

Ageratums, $2.00 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Three varieties, transplanted, August struck cuttings, fine plants, 75c per 100. Rooted cuttings, 40c per 100. J. S. Bloom, Riegelsville, Pa.

Rooted cuttings of red and yellow alternantheras, strong plants from flats, $1.00 per 100; $9.00 per 1000. S. T. Danley, Macomb, Ill.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100. Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Double alyssum, 2 in. pots, $2.00 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Double sweet alyssum, out of 2 in. pots, $2.00 per 100. Geo. W. Fetzer, Allentown, Pa.

ANTHERICUM.

Anthericums, 2¼-in., $4.00, 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

ARAUCARIAS.

Cryptomeria japonica (Japan cedar), the novelty decorative pine, takes the place of Araucaria excelsa. Strong plants, 2-in., $5.00 per 100; 20 for $1.00.
E. I. Rawlings, Quakertown, Pa.

ASPARAGUS.

Asparagus plumosus nanus seed, new crop, now ready. If our seed is sown now it will germinate immediately, grow 100 per cent, and make fronds and plants ready for pots by March 1. Price, new crop seed, $1.00 per 100; $8.00 per 1000; 2000 for $15.00. Asparagus Sprengeri, per 100 seeds, 50c; per 1,000 $3.00; 2,000 seeds for $5.00. Chicago & Boddington Co., 342 W. 14th st., New York City.

Plumosus Nanus, 2½ inch pots.....$ 5.00 per 100
3 inch pots..... 6.00 "
4 inch pots..... 12.00 "
Sprengeri, 2½ inch pots..... 3.00 "
3 inch pots..... 5.00 "
4 inch pots..... 8.00 "
The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $2.50 per 100; $20.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

10,000 Asparagus Sprengeri seed, my own growing, perfectly fresh; per 100, 40c; 1000, $3.00. E. B. Beals, Wholesaler, Greenfield, Mass.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Sprengeri, strong 2½-in., $3 per 100. Strong 3-in., $4 per 100. Keanedy & Farnham, Carrollton, Mo.

A. Sprengeri, strong plants, 2½-in. $3.00, 3-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

A. plumosus nanus, 4-in., $10.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

A. Sprengeri, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $3.00, 2½-in., $4.00 per 100. Cash. C. Underhill, Watertown, N. Y.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 2½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds. 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azalea mollis hybrida, 15-20 buds, $4.00 per doz.; $40.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Ricinifolia and speciulata, 3-in., $7 per 100. Kennedy & Farnham, Carrollton, Mo.

Begonia manicata aurea, 4-in., $1.50 per doz. A. J. Baldwin, Newark, Ohio.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on. 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. C. Eisele, 20th and Ontario Sts., Phila., Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BULBS.

TULIPS. Cottage Maid, Chrysolora, D. de Parma, Joost van Vondel, La Reine, Rose grisde-lin, Yellow Prince, La Candeur, Parrots, double and single; colors. Any of these, 100, 50c; 1,000, $4.50; 10,000, $40.00.

Tuberous Rooted Begonias, single flowers, 1 to 1½-in., in white, yellow, rose or scarlet, doz., 40c; 100, $2.50; 1½-2-inch, doz., 50c; 100, $2.50.

Doz. 100.

Double flowers, separate colors, extra, first size..... 75c $5.00
Second size..... 60c 4.00
Gloxinias, very large bulbs, mixed... 50c 3.00
Gloxinias, separate colors..... 60c 4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
H. H. Berger & Co., 47 Barclay St., New York.

Lillium auratum, prime stock, 7-9 inches, 50c per doz., $3.75 per 100, $35.00 per 1,000; 9-11 inches, 85c per doz., $6.25 per 100, $60.00 per 1,000; 11-15 inches, $1.70 per doz., $12.00 per 100, $120.00 per 1,000. Tuberoses due first week in January. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla Bulbs Delivered. 1 to 1¼ in. diam., $2.00 per $100, $25.00 per 1,000; ¾ to 1 in. diam., $2.00 per 100, $17.00 per 1,000; ⅝ to ¾ in. diam., $1.35 per 100, $11.50 per 1,000; sets 1¼ to 2 in. long, 60c per 100, $5.00 per 1,000. Mrs. Theodosia B. Shepherd, Ventura-by-the-Sea, California.

Gloxinias, separate colors, $2.25 per 100; $32.50 per 1000. Tuberoses, 4-6, dwarf double Pearl, $1.50 per 100; $8.00 per 1000. Caladium esculentum, 5-7, $3.50 per 100; 7-9, $5.00; 9-11, $8.00 per 100. Bobbink & Atkins, Rutherford, N. J.

Ex. Pearl tuberose, 3 to 4 inches in circ., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 6 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Bulbs and plants for fall and spring delivery quoted at little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Veitch's Sons, Exeter, England.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Lilium auratum. Sizes 8-9 and 9-11 on hand. Prices on application. Suzuki & Iida, 11 Barclay St., New York.

Caladium esculentum, 1st size $2.00, 2d size $1.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 35 Dey St., N. Y.

CANNAS.

New Cannas. Do not fail to secure stock of the two new hybrid Orchid-flowered Cannas Pennsylvania and Mrs. Kate Gray, also the cream of Crozy's most recent introductions, such as: Countese de Breteuil, Mme. Louis Druz, Soav. de Mme. Nardy, Chas. Molin, A. Aymard, C. Drevet and Mme. Alfred Blanc. In standard varieties we have a large stock of the following and other favorites: Alph. Bouvier, Chas. Henderson, Burbank, Queen Charlotte, Martha Washington, Egandale, etc. Nathan Smith & Son, Adrian, Mich.

Fine started plants of Black Beauty, Mlle. Berrat, Heidenreich, Beaute Poitevine, Admiral Avellan, Florence Vaughan, Austria. Prices on application. C. Winterich, Defiance, Ohio.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

CACTI.

Cereus flagelliformis. Large bloomers, $3.00 per doz.; small plants, 85c per doz.; $6.00 per 100; cuttings, $2.00 per 100; $16.00 per 1,000. Cash. Mrs. M. E. Patterson, Glendale, Cal.

Send in your order now for a copy of the Florists' Manual.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

	100.	1,000.
PINK.		
Triumph	$1.50	$12.50
Wm. Scott	1.00	8.00
Painted Lady	2.50	20.00
Daybreak	1.50	10.00
Argyle	2.00	15.00
Mrs. Frances Joost	2.50	20.00
McBurney	2.50	20.00
Tidal Wave	1.50	12.50
Victor	1.50	12.50
New York	2.00	15.00
Kathleen Pantlind	5.00	40.00
Melba	3.50	30.00
Glacier	10.00	75.00
Mrs. Jas. Dean	2.00	15.00
Albertini	2.50	20.00
Mrs. C. H. Duhme	2.50	20.00
C. A. Dana	1.50	10.00
Nancy Hanks	2.00	15.50
Ethel Crocker	4.00	35.00
The Marquis	5.00	40.00
Mrs. Thos. Lawson	6.00	50.00
Genevieve Lord	5.00	40.00
Leslie Paul	5.00	45.00
Cerise Queen	2.50	25.00
Pink Beauty	5.00	40.00
WHITE.		
Flora Hill	1.50	10.00
Mary Wood	2.50	25.00
Evelina	1.00	8.00
White Cloud	2.00	15.00
John Young	2.00	15.00
Lizzie McGowan	1.50	10.00
Alaska	1.50	12.00
Storm King	2.00	15.00
Lily Dean	2.50	20.00
Snow Queen	2.50	20.00
Silver Spray	1.50	10.00
Glacier	4.00	36.00
Peru	5.00	40.00
RED.		
Evanston	2.50	20.00
Dazzle	2.50	20.00
Jubilee	2.00	15.00
Portia	1.50	10.00
Bon Ton	1.50	10.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Dorothy Sweet	2.50	20.00
Uncle Walter	2.50	20.00
Emily Pearson	1.50	12.00
Cerise Queen	2.50	20.00
Red Mrs. Bradt	3.00	25.00
Morello	1.50	10.00
Firefly	1.50	10.00
Maud Adams	3.50	30.00
Chicago	3.00	25.00
YELLOW.		
Mayor Pingree	1.50	20.00
Gold Nugget	2.50	20.00
MAROON.		
Empress	2.50	20.00
Gen. Maceo	2.00	15.00
Gen. Gomez	2.00	15.00
Meteor	2.00	15.00
VARIEGATED.		
Mrs. Geo. Bradt	3.00	25.00
Armazindy	1.50	10.00
Olympia	6.00	50.00
Psyche	1.50	10.00
NEWER VARIETIES.		
Bon Homme Richard, white	10.00	75.00
Nydia, variegated	10.00	75.00
Sunbeam, light pink	10.00	75.00
Prolifica, deep pink	10.00	75.00
Morning Glory, light pink	4.00	35.00

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Rooted Carnation Cuttings. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.00	17.50
Chicago (Red Bradt)	3.00	25.00
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. Ready to ship. A. Mitting, clear, light cream, Mrs. A. Mitting, clear pink, De Roo Mitting, white. Sunbeam, Bon Homme Richard, Nydia, Prolifica, California Gold, pink sport from Victor and Armazindy, Queen Louise, Irene, Lorna and Mermaid, all 1901 introductions, $1.50 per doz, $10.00 per 100, $75.00 per 1,000.

	Per 100
Mrs. Thos. W. Lawson, cerise pink	$5.50
Olympia, variegated	4.00
Mrs. Bartlett, scarlet	3.00
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.00
Chicago, scarlet	2.50
America, scarlet	2.00
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez, dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	85
Armazindy, variegated	85
Melba, light pink	1.25
Mary Wood, white	1.50

All rooted cuttings subject to your approval upon arrival.

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00

Rooted cuttings now ready.

Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot ready Feb. 1 of the above four varieties.

CHICAGO CARNATION CO, JOLIET, ILL.

CARNATIONS.

Rooted cuttings now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	5.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	3.00	25.00
America	3.00	25.00
Bradt	3.00	25.00
Pingree	3.00	25.00
Morning Glory	3.00	25.00
Glacier	3.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Joost	1.50	12.00
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show as to quality of our stock.

W. J. & M. S. VESEY, Fort Wayne, Ind.

NEW CARNATIONS. Now is the time to place your orders.

	100.	1,000.
Gov. Roosevelt, crimson	$12.00	$100.00
Golden Beauty, yellow	12.00	....
Novelty, fancy yellow	12.00	....
Lorna, white	10.00	75.00
Mermaid, delicate pink	6.00	50.00
Prosperity, an immense fancy	16.00	130.00
Dorothy, a free pink	10.00	75.00
California Gold, yellow	10.00	75.00
Norway, white	10.00	75.00
Queen Louise, white	10.00	75.00
Sunbeam, light pink	10.00	75.00
Bon Homme Richard, white blush	10.00	75.00
Nydia, variegated white	10.00	75.00
Prolifica, cerise pink	10.00	75.00

Also Lawson, Morning Glory, Olympia, Marquis, Lord, etc. All first-class stock.

THE COTTAGE GARDENS, Queens, N. Y.

... rooted cuttings ready to ship. We have ...ed our paid ... and will devote our entire time to growing ... for the trade. We do not expect to make any money this year, our whole object is to introduce ourselves and stock to the public ... to this we will sell at ... with a standing guarantee that if any time our stock is not satisfactory on receiving, send it back at once at our expense, and if you had paid for same we will refund full amount.

	100.	1,000.
Thos. Lawson	[illegible]	$50.00
Ethel Crocker	[illegible]	[illegible]
Marquis	4.00	35.00
G. H. Crane	2.50	20.00
Genevieve Lord	4.00	35.00
Gen. Maceo	1.50	12.50
White Cloud	1.25	10.00
Flora Hill	1.25	10.00
Liberty	1.25	10.00
Bon Ton	1.00	8.00
Daybreak	1.00	8.00
Wm. Scott	1.00	8.00

Stafford Floral Co., Stafford Springs, Conn.

Rooted carnation cuttings ready for immediate shipment; all fine and well-rooted stock:

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Sunbeam	10.00	75.00
Prolifica	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Marquis	5.00	40.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Mrs. Geo. Bradt	3.00	25.00
G. H. Crane	3.00	25.00
Chicago	3.00	20.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Mrs. F. Joost	1.50	12.00
Mrs. J. Dean	2.00	15.00
Jubilee	1.50	12.00
Flora Hill	1.50	12.00
Daybreak	1.50	12.00
Evelina	1.00	8.00
Triumph	1.50	12.00

JOSEPH LABO, Joliet, Ill.

NORWAY. The biggest commercial white carnation ever introduced. A business-making, money-making carnation in every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and a rich, spicy odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Ready Feb. 15.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond the reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $6.00 per 100; $50.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

CARNATIONS.

We offer choice rooted cuttings, first-class in every way, at following prices:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1000.

Ethel Crocker, $3.00 per 100. McGowen Sport, $1.50 per 100; $10.00 per 1000.

CHAS. BLACK, Hightstown, N. J.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS, ready for shipment Feb. 15.

	100.	1,000.
Genevieve Lord	$5.00	$40.00
Ethel Crocker	4.00	35.00
Gold Nugget	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. G. M. Bradt	3.00	25.00
Mrs. Frances Joost	2.00	15.00
Daybreak	2.00	15.00
Victor	2.00	15.00
Mary Wood	2.00	15.00
White Cloud	2.00	15.00
McGowen	1.00	8.00
Cardinal	1.50	12.00
Albertini	1.50	12.00
W. Scott	1.00	8.00

Orders booked and shipped in rotation.
BROWN & CANFIELD, Springfield, Ill.

ROOTED CARNATION CUTTINGS.
This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

NEW CARNATIONS FOR 1901.
Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000. We are booking orders now for delivery as soon as ready.
THE 1900 NOVELTIES. Morning Glory and Crocker $4.00 per 100, $30.00 per 1000; Lawson $7.00 per 100, $60.00 per 1000; G. Lord $6.00 per 100, $50.00 per 1000. Marquis, Olympia and Peru $5.00 per 100, $40.00 per 1000.
We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

CARNATIONS FOR PROFIT.

	100	1000
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

CARNATIONS.
ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$35.00
America	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

CARNATION NOVELTIES. Egypt, $1.50 per doz., $10.00 per 100. Gov. Roosevelt, $2.50 per doz., $12.00 per 100. Lorna, $2.00 per doz., $10.00 per 100. Mermaid, $1.00 per doz; $6.00 per 100. Norway, $1.50 per doz., $10.00 per 100. Prosperity, $5.00 per doz., $16.00 per 100. Queen Louise, $1.50 per doz; $10.00 per 100. Prices on larger quantities quoted on application. N. SMITH & SON, Adrian, Mich.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dalliedouze Bros., Flatbush, N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $8.00 per 100; $60.00 per 1000. Guardian Angel Orphan Asylum, 491 Devon Ave., Sta. Y., Chicago.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Ethel Crocker	$4.00	$30.00
White Cloud	2.00	15.00
Alaska (white)	1.00	7.50

GEO. HARRER, MORTON GROVE, ILL.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Carnations. Rooted cuttings of Scott, Daybreak and Flora Hill, strong from sand, $10.00 per 1000; $1.25 per 100; from soil, $15.00 per 1000, $1.50 per 100. Cash with order, please. Park Green Houses, 1142 Broad Street, Providence, R. I.

Dorothy, seeding pink carnation, Scott color, commercially the best of all carnations yet introduced, rooted cuttings, $10.00 per 100; $75.00 per 1000. Also rooted cuttings of Genevieve Lord, $6.00 per 100; $50.00 per 1000.
E. T. Grave, Richmond, Ind.

Marquis, Crocker, $5.00 per 100; $40.00 per 1000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1000. Samples free. Stock guaranteed. Union Street Greenhouses Co., Geneva, N. Y.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties. A. M. HERR, Lancaster, Pa.

Roosevelt and Prosperity, the best two carnations in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1000. Prosperity, $16.00 per 100; $130.00 per 1000. Cottage Gardens, Queens, N. Y.

Lawson, $5.00; Ethel Crocker, Genevieve Lord and Marquis, $3.50; Bradt, Crane, Maceo and Gomez, $2.50; White Cloud, Mary Wood and Flora Hill, $1.50 per 100.
E. C. Keck, Washington, Iowa.

Carnations.—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Mrs. Fisher carnations for summer blooms. We have about 2000 to spare. They are in 2-in. and now ready for a shift. Write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings of Mrs. Thos. W. Lawson, $1.75 per doz.; $7.00 per 100. From 2-in. pots, $2.00 per doz.; $10.00 per 100. S. T. Danley, Macomb, Ill.

100,000 rooted cuttings ready to ship. For varieties and prices see display adv. in this issue. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

HOOSIER MAID, the ideal commercial white, $1.50 per doz., $10.00 per 100, $80.00 per 1,000. A. Rasmussen, New Albany, Ind.

Mrs. Fisher for summer flowering. Well rooted cuttings, $8.00 per 1,000. Andrew Christensen, Stoneham, Mass.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Rooted carnation cuttings. Standard varieties. E. A. Llewellyn, Olean, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums. Our introductions. Iolantha, an early incurved pink, best yet produced. Omega, second early yellow of the V. Morel type. Mrs. Elmer D. Smith, a closely incurved Japanese variety; an improvement on Maj. Bonnaffon. All of the above have been certificated by the C. S. A. Price 50c each; $5 per doz.; $35.00 per 100. Ready April 1st, 1901. Eight New Pompons, possessing new forms and colors and including several light pinks that are very desirable. Argenta, Zeroff and Rosina are our three Mizpah Seedlings, pure white, yellow and light pink respectively. These will be valuable additions to the dwarf decorative class. Phallena (Double Mizpah); the above 25c each; $2.50 per doz. Ready April 1, 1901. We are also booking orders for Timothy Eaton, the sensation of the season, 50c each; $5.00 per doz.; $30.00 per 100. Ready April 1, 1901. We can furnish all novelties that will be disseminated the coming season at introducers' prices. In European Novelties we have the following to offer: Miss Anna Hills, Mrs. Combes, Madeline Davis, Lord Cromer, Walleroo, Miss May Manser, Mrs. Barkley, Mrs. Ritson (White Morel), C. S. A. Cert., Etoile de Feu, Salome, J. R. Upton, Souv. de Pierre Desblanc, M. Louis Remy, Miss Maude Douglass, M. de Marcere, Mme. Noel Martin, Annie Prevost, Sunset, Miss Alice Byron, Mdlle. D'Estienne, Mme. Von Andre (Yellow Mutual Friend), La Saone; prices and descriptions on application. Tested Novelties of 1900, from 2 1-4-inch pots; ready February 1, 1901. Gold Mine, Col. D. Appleton, Orizaba, 10c each; $3.00 per 100. Monrovia, Lavender Queen, White Bonnaffon, Intensity, Superba and Walter Molatsch, 10c each; $6.00 per 100. Our collection of Chrysanthemums is the most complete in this country and shall be pleased to submit list of varieties for any special purpose. Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Send for price list. National Plant Co., Dayton, Ohio.

Chrysanthemum, New Gold Smith, cream-yellow tinted with bronze; a sport from W. R. Smith, the finest of its color. A grand flower. Plants delivered Mar. 1. Price, $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

Rooted cuttings now ready. Best four commercial whites—White Bonnaffon $4, Fee du Champsaur $3, Lady Fitzwygram, Evangeline $2 per 100. Best four pink—Glory of Pacific, Viviand-Morel, Helen Bloodgood, Mrs. Murdoch $2 per 100. Best four yellow—Major Bonnaffon, Dailledouze, Mrs. Peirce, $2 per 100. Cash with order. Gunnar Teilmann, Marion, Ind.

Rooted runners of Bonnaffon, as good a yellow as one would wish to grow, $1.00 per 100. Or will exchange for geraniums, ferns, asparagus, pansies, vincas or daisies. T. M. Fitzgerald, Beaver, Pa.

Extra strong stock plants of Pacific, Bergman, Bonnaffon, Golden Wedding, Robinson, Bassett and Jones, 5c cash. Satisfaction guaranteed. J. A. McPheron & Son, Carrollton, Ill.

Chrysanthemums. Stock plants from bench and 6-in. pots at $3.50 per 100, 40 vars. Cash with order. Order at once. Thomas Arner, 225 Grand View Ave., Scranton, Pa.

TIMOTHY EATON, and all other good new varieties. Also the best standard sorts. Let us book your order for future delivery. H. Weber & Sons, Oakland, Md.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

5,000 chrysanthemum stock plants. Jerome Jones, Bonnaffon and Ivory at $4.00 per 100. Order quick before stock is exhausted.
B. F. Barr, Lancaster, Pa.

F. B. Hayes, the best late pink chrysanthemum. Stock plants, $2.00 per doz.; $15.00 per 100. Wm. Sim, Cliftondale, Mass.

Stock plants. 500 each of Mrs. Robinson and Bonnaffon, 60c per doz., $4.00 per 100. Joseph Labo, Joliet, Ill.

CINERARIAS.

Cinerarias, fine, strong plants, out of 4 in. pots, ready for 5 in., $8.00 per 100. Geo. W. Fetzer, Allentown, Pa.

Cineraria nana grandifl. gig., 2¼-in., $2.50 per 100. Shellroad Greenhouse Co., Grange, Baltimore, Md.

Cinerarias, 2¼-in., $3 per 100. Greene & Underhill, Watertown, N. Y.

CISSUS.

Discolor, 2-in., $4.00 per 100. Kennedy & Farnham, Carrollton, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

CLEMATIS.

CLEMATIS PANICULATA.	100.	1,000.
No. 1, 3 years	$ 7.50	$ 75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

ELIZABETH NURSERY CO., Elizabeth, N. J.

COLEUS.

Coleus, red, yellow and other self colors, $6.00 a 1000; Brightest Fancy, $5.00 a 1000; new large-leaved, magnificent colorings, 20 varieties, $1.00 a 100. For replanted, half of above prices more. Bargains on variety of stock. D. K. Herr, Lancaster, Pa.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus. Red and yellow Verchaffeltii and 25 other best sorts. Clean; no mealy bug; 65c per 100 prepaid; $5.00 per 1,000 by express. A. B. Davis & Son, Purcellville, Va.

Rooted cuttings. Per 100: Separate colors, 75c; fancy and large-leaved, $1; mixed, 60c. 2-in. pots, $3 per 100. Greene & Underhill, Watertown, N. Y.

Strong, 2¼-in., $1.50 per 100. R. C. ready for 2½-in., 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, 15 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Coleus, mixed, $2 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Named, 60c per 100; mixed, 50c per 100. J. S. Bloom, Riegelsville, Pa.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCAS.

Cycas Revoluta, 7 to 10 leaves. $1.00 each. Cash. The John A. Doyle Co., Springfield, O.

CYCLAMEN.

2,500 cyclamen in 2 and 2¼-in., $4.00; in bud and bloom, 3-in., $6.00; 4-in., $12.00 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Cyclamen giganteum. From 3-in. pots, in bud, $8 per 100. From 3½-in., in bud, $10 per 100. Wood Bros., Fishkill, N. Y.

Giganteum, 3-in. pots, $10; 3-in. pots, $7 per 100. J. S. Bloom, Riegelsville, Pa.

CYPERUS.

Umbrella plants, 2½-inch, $2.00 per 100; 3-inch, $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Umbrella plants, 3-in. pots, $5.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Umbrella Plants, 2½-in., $2.50 per 100. Cash. The John A. Doyle Co., Springfield, Ohio.

Cyperus gracilis, 4-in., 75c per doz. Mrs. Griswold, Worthington, Ohio.

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Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

DAISIES.

Marguerites, yellow, 2-in. pots, $2.50 per 100. Rooted cuttings, yellow and white, $1.00 per 100. Cash please. Valley Greenhouse Co., Sewickley, Pa.

New California Giant White and New Golden, strong 2½-in., $2.00 per 100. R. C., $1.00 per 100. Buckley Plant Co., Springfield, Ill.

SNOW CREST, 2¼-in., $4; 3-in., $6; rooted cuttings, $2 per 100. Greene & Underhill, Watertown, N. Y.

California Giant Marguerites, 2-in., $2.50 per 100. Converse Greenhouses, Webster, Mass.

Snowball and Longfellow, 40c per 100; $2.50 per 1,000. J. C. Schmidt, Bristol, Pa.

FERNS.

SPECIALTIES IN FERNS.

Adiantum Farleyense. 3-in. pots, $2.00 per doz., $15.00 per 100; 4-in. pots, $5.00 per doz., $40.00 per 100; 5-in. pots, $9.00 per doz., $70.00 per 100.

Asplenium Bulbiferum. A most useful fern to grow into specimens in 5 or 6-in. pots. 4-in. pots, $1.25 per doz., $10.00 per 100.

Adiantum Cuneatum. Fine plants in 5-in. pots. $2.00 per doz., $10.00 per 100.

Adiantum Formosum. One of the hardiest of the Maiden Hairs. $1.50 per doz., $12.00 per 100.

Aspidium Tsussimense. The most valuable plant ever introduced for fern dishes. 2-in. pots, 60 cents per doz., $4.00 per 100, $35.00 per 1,000; 3-in. pots, 75 cents per doz., $6.00 per 100, $50.00 per 1,000.

Davallia Fijiensis Plumosa. A rare variety that is not often offered in quantity. 2-in pots, $1.00 per doz., $8.00 per 100, $60.00 per 1,000; 3-in. pots, $1.25 per doz., $10.00 per 100, $80.00 per 1,000.

Mixed ferns for fern dishes. We have always on hand a large stock of Assorted Ferns in good varieties suitable for jardinieres and fern dishes. 2¼-in. pots, $3.50 per 100, $30.00 per 1,000; 3-in. pots, $6.00 per 100, $50.00 per 1,000.

Henry A. Dreer, 714 Chestnut St., Philadelphia.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Ferns for dishes, etc., in 6 of the leading varieties, from 2½ in., $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Boston ferns true to name. Small plants from bench, $1.00; 7,000 2-in., $2.00; 4,000 3 in., $4.00 per 100. Davis Bros., Morrison, Ill.

Boston ferns ready for 6 in. pots, $3.00 per doz., $20.00 per 100; 3-in., $6.00 per 100. Converse Greenhouses, Webster, Mass.

A good variety and fine bushy stock. 2¼ in. pots, $3.00 per 100, $28.00 per 1,000. Henry Weston & Bro., Hempstead, N. Y.

Boston ferns. Strong, 2-in. pots, $3.00 per 100; $25.00 per 1,000. The Storrs & Harrison Co., Painesville, O.

True Boston ferns, extra strong, 2½ in., $3; 3½-in., $5 per 100. Morris Floral Co., Morris, Ill.

Cyrtomium falcatum, the holly fern, 2 in., 3c. Cash, please. R. G. Hanford, Norwalk, Conn.

Home-grown, fine, clean stock. Send for price-list. J. B. Helss, Dayton, Ohio.

Japan fern balls, $4.00 per doz. H. H. Berger & Co., 47 Barclay St., New York.

FORCING PLANTS

Rhododendrons, finest kinds, from 30c to $10.00 each. Lilac M. Le Graye, pot-grown, $6.00 per doz.; $40.00 per 100.
Bobbink & Atkins, Rutherford, N. J.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

FORGET-ME-NOTS.

Forget-Me-Nots, 2¼-in., $3; 4-in., $10 per 100. Rooted cuttings (winter), $2 per 100. Greene & Underhill, Watertown, N. Y.

Winter flowering forget-me-nots, $3 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Large clumps, 75c per 100; $5.00 per 1,000. J. C. Schmidt, Bristol, Pa.

FRUIT PLANTS.

Mariana Plum cuttings, 8 to 12 inches, $1.00 per 1,000. These plums not only make a good hedge but bear fine early plums. Every cutting will root. John Monkhouse, Caddo Nurseries, Jewella, La.

FUCHSIAS.

Fuchsia, Trailing Queen, 2¼-in., $4.00 per 100. Rooted cuttings, 8 varieties, $1.50; Sunray and Trailing Queen, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

Rooted cuttings of Phenomenal, Black Prince, Storm King, Little Beauty, $1.50 per 100. Converse Greenhouses, Webster, Mass.

GARDENIAS.

Cape Jessamines (Gardenia florida), strong and stocky, 15 to 20 inches, $7.00; 10 to 15 inches, $5.00 per 100, 6 to 10 inches, $3.00 per 100; $25.00 per 1000. 3 to 6 inches, $2.00 per 100; $15.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

Rooted cuttings. New set of 20 named, postpaid, $1.00. Your selection of the following at $2.00 per 100: Mrs. Taylor, Dr. Livingstone, P. Crozy, Bronze named, Mme. Bruant, Wonder, Freak of Nature, Happy Thought, Beaute Poitevine, Alphonse Ricard, Ivy Leaved, E. G. Hill, Dbl. Grant, S. A. Nutt, J. M. Gaar, Frances Perkins, King Olga, Grand Chancellor, etc. Our selection of the above, $15.00 per 1000. Mixed varieties unnamed, $1.25 per 100. Mme. Salleroi, $1.25 per 100. Your selection of the following at $1.75 per 100: J. Y. Murkland, Single Grant, La Favorite, Rev. J. B. Atkinson, Glo. de France, Eliza, etc. Our selection of the above, $12.50 per 1000. Mrs. Parker, Bronze Bedder, L'Elegant, $4.00 per 100; Silver Leaf, Ivy Leaf (named), Rose Scented, $1.50 per 100; Mars, Countess de Harcourt, $2.50 per 100; America, $15.00 per 100.

Pot plants. Happy Thought, Bronze, Silver Leaf, etc., 2¼-in., $4.00 per 100; Mrs. Parker, 2¼-in., $6.00 per 100; L'Elegant, 2-in., $6.00 per 100; common, named, 2¼-in., $3.50 per 100. Greene & Underhill, Watertown, N. Y.

Geraniums of recent introduction, from 2 1-4-inch pots; ready now. Mme. Landry, semi-double Bruant, apricot salmon. Jean Viaud, semi-double Bruant, beautiful shade of bright rose; a magnificent variety. Emanuel Arene, rich scarlet with large pure white eye; double. Richelieu, double crimson; a grand acquisition; 15c each. The above at $10.00 per 100. We have many others of decided merit. We also have a large stock of the best bedding varieties ready for immediate shipment. Nathan Smith & Son, Adrian, Mich.

Twelve of the best varieties named, transplanted cuttings from sand, mixed [illegible] per 100. Same from 2½ in. pots; also Swainsona alba galegifolia and Mme. Salleroi geraniums, at $1.50 per 100. Paul Bruant, R. [illegible] S. A. Nutt, La Favorite and Rose geraniums, 2½-in., $2.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Fellhousen, Schenectady, N. Y.

Geraniums, rooted cuttings and transplanted stock, strong doubles—Harrison, Beaute Poitevine, Grant, Acteon, Jaulin, Nutt, Buchner, Perkins, Doyle, Griffith, Landry and other best, newer varieties, $12.00 a 1000. For replanted ½ of above prices more. D. K. Herr, Lancaster, Pa.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio

Ivy geraniums, 2½-in., $2.50 per 100. Rooted cuttings of Grant, Nutt, La Favorite and 56 other varieties, single and double mixed, $1.50 per 100. Converse Greenhouses, Webster, Mass.

Geraniums. Fine large plants of S. A. Nutt, Grant, Red Bruant, La Favorite and Pink, 2¼-in., ready for shifting, $2.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

Bruanti, Nutt, Hill, Grant and others, strong, 2½-in., $2.50 per 100; $22.50 per 1,000. Strong R. C., $1.50 per 100; $15.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Geraniums, Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2½-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

10,000 geraniums of the best varieties. Rooted cuttings and 2¼ and 4-in. pots. Write for prices. Anton Krut, Jr., Butler, Pa.

A very choice set of ten new sorts of geraniums ready now for $2.50. The E. G. Hill Co., Richmond, Ind.

20,000 standard bedding varieties, strong 2½-in., $2.00 per 100, cash. H. M. Altick, Dayton, Ohio.

Geraniums, my selection, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, 20 leading varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums. Standard bedders, price and varieties carefully furnished on application.
Paul Mader, East Stroudsburg, Pa.

Geraniums, named, 2¼-in., $2.50 per 100; $20.00 per 1,000. Cash. S. D. Brant, Clay Center, Kan.

5,000 choice mixed geraniums, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Geraniums. Send for price list. National Plant Co., Dayton, Ohio.

GLADIOLUS.

Florists' gladiolus, extra white and light; perfect both in bulb and bloom, $15.00 per 1,000. Named varieties and mixtures. Mrs. A. H. Austin, Charlestown, Ohio.

Gladiolus. All the best varieties, mixed, $8.00 per 1,000. C. Long, 277 Jefferson ave., Rochester, N. Y.

100,000 gladiolas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

HARDY GARDEN PINKS.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price: $1.00 per 100 postpaid. Speak quick if you want them. L. Templin & Sons, Calla, Ohio.

HARDY PLANTS.

Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, Honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid, $10.00 per 1000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

HARDY PLANTS Continued.

HARDY PINKS. Large stock ready for delivery on and after March 1, [illegible]. First-class, clean, strong plants from 2-in pots. Stock includes the following choice varieties: Essex Witch, Gertrude, Lord Lyons, Variabilis, Her Majesty, Souvenir de Sale. Also an immense stock of Rudbekia and Pyrethrum Uliginosum, strong field-grown, 1 to 2 crowns. Orders subject to stock on hand. Write for bargain prices. THE JEWELL NURSERY CO., Lake City, Minn. (Established 1868. 1000 acres).

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Crape Myrtle, pink, purple and crimson, 15 to 20 inches, $5.00; 10 to 15 inches, $3.00 per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Boston Ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

HELIOTROPE.

Heliotropes, 2½-in., per 100: The Czar, Napoleon and Violet Queen, $3.00; Mme. Blonay, Le Poitevine and Le Cid, $4.00. Michel Plant and Bulb Co., St. Louis, Mo.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotrope, rooted cuttings, $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ill.

HIBISCUS.

Hibiscus, strong, thrifty plants ready for shift. Double pink and double red, 2½-in., $4.00 per 100. Nanz & Neuner, Louisville, Ky.

HYDRANGEAS.

Hydrangeas, 5 and 6-in., fine plants, budded for Easter forcing, $3.00 per doz.; $20.00 per 100. Converse Greenhouses, Webster, Mass.

IVIES

Rooted cuttings. German, $1.25; English, $1.50; Kenilworth, $1.00 per 100. Greene & Underhill, Watertown, N. Y.

2,000 English ivies, strong plants, from 4-in. pots, $15.00 per 100. John Reck, Bridgeport, Conn.

Hardy ivy, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, rooted cuttings, assorted, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lantanas, 10 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Lantanas. 6 finest varieties, R. C., $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

Lily of the Valley pips, largest and finest in the world, either Berlin or Hamburg, $10.00 per 1,000; case lots (3,000 in case) $9.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Double yellow nasturtium. Fine trailing plants, especially adapted for vases and hanging-baskets and have no equal as cut flowers. Out of 2½ in. pots, $1.00 per doz. Geo. W. Fetzer, Allentown, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PÆONIAS.

Paeonias. Per 100: Officinalis rubra pl., $8.00; officinalis alba pl., $20.00; tenuifolia fl. pl., $18.00. Bobbink & Atkins, Rutherford, N. J.

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PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

AREÇA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
3 plants	5	18	each 1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	16	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

KENTIA BELMOREANA.
2½-inch pots.........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves..........$15.00 per 100
4-inch pots, 14 to 16 inches high... 30.00 "
5-inch pots, 18 inches high......... 60.00 "
5 and 6 in. pots, 18 to 22 in. high... 75.00 "
ARECA LUTESCENS.
2½-inch pots.........$6.00 per 100; $50.00 per 1,000
KENTIA FORSTERIANA.
2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high........... 15.00 "
4-inch pots, 15 to 18 inches high..... 35.00 "
5-inch pots, 18 to 22 inches high..... 50.00 "
5 and 6 in. pots, 24 to 28 in. high.... 75.00 "
The Storrs & Harrison Co., Painesville, O.

LATANIA PALM PLANTS.

Pots.	Plants to pot.		Leaves.	Per doz.
6-in.	2	20 to 22-in. high	10	9.00
7-in.	1	2 ft. ht. & diam.	7 to 8	12.00
7-in.	2	2 ft. ht. & diam.	10 to 12	15.00
8-in.	1	2½ ft. ht. & diam.	8 to 9	18.00
8-in.	2	2½ ft. ht. & diam.	15	20.00
8-in.	3	2½ ft. ht. & diam.	18 to 20	24.00

Ficus Elastica, 6-in. pots, 2½ ft. high, 16 to 20 leaves, $9.00 per doz., $65.00 per 100.
Pandanus Veitchii and Croton plants, prices on application.
J. Wm. Colflesh, 53d & Woodland, West Philadelphia, Pa.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

Pelargonium Victor, $2.00 per 100. Cash.
C. A. Harris & Co., Delanson, N. Y.

PETUNIAS.

Petunias. Dreer's and Henderson's latest world beaters, and they are winners, at $1.25 per 100; $10.00 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Petunias, strong, 3-in. pot stock, 15 distinct vars, $1.00 per doz.; $8.00 per 100. Set of 15 vars for $1.25. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Petunias, rooted cuttings, mixed, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

POINSETTIAS.

For Sale— 2,000 Poinsettias, one year old, good, strong, dormant stock, $6 per 100, cash. Address, Chas. Frueb & Sons, 1116 Hoyt St., Saginaw, Mich.

Poinsettia stock plants, $1.25 per doz.; $10.00 per 100. Chas. W. Reimers, Station A, Hite Ave., Louisville, Ky.

PRIMROSES.

New, hardy, giant primrose, PRIMULA VERIS SUPERBA. This is one of the good new things that occasionally turn up by chance. The plants we offer are good young plants which will give sufficient flowers this season to show its value and will grow on into fine specimen plants for next winter's forcing. Price: $1.25 per doz.; $10.00 per 100. H. A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Primula obconica grandiflora. Nice, large stock in 3-in. pots now in bud. Shifted now will make nice blooming plants for Easter. Price: $6.00 per 100.
Binley The Florist, Glens Falls, N. Y.

Primula Forbesii in bloom from 3-in., $4.00 per 100, from 4-in., $8.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Primula auricula. Extra fine strain of all the newest varieties, $12.00 per 100. C. Long, 277 Jefferson ave., Rochester, N. Y.

Primroses. All in bud and bloom; every color; 4-in., 20 for $1.00. Whitton & Sons, City and Green Sts., Utica, N. Y.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Primula chinensis, 2-in., $3; 3-in., $4 per 100. Geo. M. Emmons, Newton, N. J.

Chinese, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PRIVET.

California privet, 3 to 4 ft., $2.00; 2½ to 3 ft., $1.75; 2 to 2½ ft., $1.50; 20 to 24 inches, $1.25; 15 to 20 inches, $1.00 per 100. Small plants, 50c per 100. All well branched. Cuttings, 8 to 12 inches, $1.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

ROSES.

Roses, strong, two-year, field-grown, Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $5.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Wattevilla	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
R. H. MURPHEY & SON, Urbana, Ohio.

Rooted cuttings of American Beauty. 6000 as fine as you ever saw, $3.00 per 100; $25.00 per 1000. Young roses in 2-in. for early summer bloomers. Send $1.00 for sample lot of kind you want. Rooted cuttings of Wootton, Meteor, Bride, Maid, Kaiserin, Perle, Beauty, Golden Gate, La France, Siebrecht and Pres. Carnot. A No. 1 stock. Satisfaction guaranteed. Geo. A. Kuhl, Pekin, Ill.

ROOTED ROSE CUTTINGS.

	100	1000.
Golden Gate	$2.50	$20.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50

GEO. HARRER, MORTON GROVE, ILL.

Two grand climbers. Climbing Kaiserin, white, $10.00 to $15.00 per 100; Climbing Wootton, red, $10.00 per 100. Field-grown, own roots, 2 to 3 ft. Plenty of other sorts, bush and climbers, hardy and tender.
The Howland Nursey Co., Los Angeles, Cal.

Crimson Rambler, extra strong, $15.00 per 100. Crimson Rambler, standard, $5.00 per doz.; $40.00 per 100. Monthly roses: Hermosa, pink, and Agrippina, dark red, $10.00; C. Soupert, $12.00 per 100.
Bobbink & Atkins, Rutherford, N. J.

Crimson Rambler. Strong field plants, with fibreus roots; just the kind for potting and forcing. Send small order for sample. 3 to 3½ ft., $12.00 per 100; 3½ to 5 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

Bride, Bridesmaid, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Strong, field-grown plants of white and pink Maman Cochet, at $10.00 per 100. The finest rose ever introduced for summer blooming.
I. H. Moss, Govanstown, Baltimore, Md.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.50 per 100.
Bassett & Washburn, Hinsdale, Ill.

New rose, Winnie Davis, 2½-in. pot plants, $5.00 per doz., $25.00 per 100.
Nanz & Neuner, Louisville, Ky.

300,000 roses. Send for price list, now ready. National Plant Co., Dayton, Ohio.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias. Rooted cuttings, per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Reeoted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

The Florists' Manual, by William Scott, is a whola Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

SEEDS.

DREER'S Reliable Flower Seeds. The following is a short list of articles which should be sown early.

	Trade pkt.	Oz.
Ageratum, Blue Perfection, a fine blue sort	$ [illegible]	$1.00
Ageratum, Cope's Pet, the dwarfest blue	.1[illegible]	.7[illegible]
Aster, Queen of the Market, white, pink or purple	.[illegible]	.7[illegible]
Aster, Queen of the Market, finest mixed	.1[illegible]	.[illegible]
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb.		.1[illegible]
Carnation, Marguerite, finest mixed	.20	[illegible]
Centaurea, candidissima, per 1000 seeds, 25c		1.[illegible]
Centaurea, gymnocarpa, per 1000 seeds, 15c		.10
Cobaea scandens, purple	.10	.30
Cyclamen per. giganteum, finest mixed, per 100 seeds, 60c; per 1000 seeds, $5.00.		
Draeaena indivisa	.10	.30
Grevillea robusta	.15	.40
Heliotrope, Lemoine's Giant	.40	2.00
Lantana hybrida, mixed	.10	.20
Lobelia, Crystal Palace compacta, true	.30	1.50
Lobelia, gracilis, light blue, trailing	.15	.40
Lobelia, speciosa dark	.20	.60
Mignonette, Allen's Defiance, very large spikes	.15	.[illegible]0
Mignonette, machet, true select stock	.15	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00.		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50.		
Petunia, Dreer's Superb Fringed, single	.50	
Phlox Drummondii grandiflora, finest mixed	.15	.50
Phlox Drummondii nana compacta, finest mixed	.30	1.50
Pyrethrum aureum (Golden Feather)	.10	.30
Salvia splendens (Scarlet Sage)	.30	1.50
Salvia splendens compacta erecta, "Bonfire"	.50	2.50
Smilax, per lb., $3.50	.15	.35
Stocks, large flowering, 10-week, separate colors	.40	2.25
Stocks, large flowering, finest mixed	.40	2.00
Thunbergia, finest mixed	.10	.30
Torenia Fournieri	.30	
Verbena, Mammoth, white, scarlet, pink, purple, striped	.30	1.50
Verbena, Mammoth, finest mixed	.25	1.00
Vinca rosea, rosea alba, alba pura	.20	.60
Vinca rosea, finest mixed	.15	.50

Our wholesale price list for 1901 has been sent to all florists; if you have not received it please notify us.
HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

SEEDS FOR EARLY SOWING.

	100 seeds.	1000 seeds.
Asparagus Sprengeri	$ .75	$6.00
Asparagus plumosus nanus	1.00	9.00

Aster, Queen of the Market—
White, light blue, dark blue, rose, crimson ....Per pkt. 15c; oz., 75c
Cyclamen Persicum Grandiflorum—
Per 100, $1.00; per 1000, $7.50.

	Per pkt.	Per oz.
Dracaena Indivisa	$ .15	$ .75
Petunia, double large flowering, fringed	1.00	
Petunia, single large flowering, fringed	1.00	
Phlox Nana Compacta—Fireball, Snowball, Purple, Blue Striped, Chamois Rose, Defiance and fine mixed	.25	2.50
Salvia Nana Compacta, Bonfire	.25	4.50
Verbena Mammoth, mixed	.25	1.50

Stocks—	Per pkt.	Per oz.
Giant Perfection, white	$ .25	$5.00
Dwarf, large flowering, 10 weeks—white, blood-red, purple rose, yellow and red	.25	3.25

Sweet Peas—	Per oz.	Per lb.
Blanche Ferry, Blanche Ferry, extra early, Emily Henderson, Blanche Burpee, Countess of Radnor, Dark Lavender, Katharine Tracy	$ .10	$ .40
Burpee's Extra Early	.10	.65

If by mail, add 8 cents per pound for postage.
STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

XXX Seeds. Verbena grandiflora, the finest large-flowering varieties grown; mixed, 1,000 seeds, 50c. Chinese primroses, large-flowering fringed; fifteen varieties; single and double mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, extra fine; the best of the mammoth-flowering varieties; mixed, 3,500 seeds, $1.00; half pkt., 50c. John F. Rupp, Shiremanstown, Pa.

Cyclamen Persicum. Giant, Williams' fine mixed, 100 seed, 50c; ¼ oz., $3. Pansy, Madame Perret, as usual; Cecile Davy, trade pkt., 25c.; oz., $4.00; the twentieth century pansies. Forcing radish, lb., 50c. Cauliflower, Erfurt best Danish, seed, oz., $2.50. Beaulieu, Walker and Belmont Aves., Woodhaven, N. Y.

[illegible] Stokes' Seeds are grown [illegible] most [illegible] and are known [illegible] the United States [illegible] flowers which [illegible] excellence. Write [illegible] wholesale catalogue [illegible] Philadelphia, Pa.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Asparagus pl. nanus, 100, $1.00; 1,000, $9.00. Asparagus Sprengeri, 100, 50c; 1,000, $3.50. Sweet Pea, early aorta, oz., 5c; lb., 25c. Stocks, ten weeks' perfection, aeparate colors, oz., 25c; lb., $3.00. Smilax, 1900 crep, oz., 30c; lb., $2.50 H. H. Berger & Co., 47 Barclay St., New York.

Asparagus Sprengeri, fresh seeds, $4.00 the 1,000. Aspar. plum. nanus, $8.00 the 1,000. Cyclamen, German Giants, pure white, 75c tha 100s; bright red, rose, whita with eye, 60c tba 100s. A. Rolker & Sons, 52 Dey St., N. Y.

White Ostrich Plume aster seed, the earliest, largest and most beautiful aster ever introduced. It comes into bloom when white flowers are scarce. Trade pkt., $1.00; oz., $5.00.
J. T. Duquette, Albion, N. Y.

Petunia seed. Superb dble. fringed, 500 seeds, 75c, 1,000 seeds, $1.50. Superb single fringed, trade pkt., 50c; ¼-oz., $2.50. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1000, $9.00. B. H. Ritter, Port Royal, S. C.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from flats, 30c per 100; $2.50 per 1,000; 2-in. pots, $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

SPIRAEA.

Spiraeas. Per 100: Japonica, $3.50; Compacta and Astilboides floribunda, $4.00; Plumosa alba (new), $15.00; Palmatas scarlet, elegans and alba, $5.00. Bobbink & Atkins, Rutherford, N. J.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100; Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

STEVIA.

Stevia, variegated, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

If you read these advs. others would read yours.

VEGETABLE PLANTS.

Cauliflower.—Snowball, 35c per 100; $2.50 per 1,000. Tomato. — Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting.
Lettuce—Big Boston, Bosten Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Lettuce.—Curled Simpson, Grand Rapids and other varieties. Cabbage—Wakefield, Succession and other varieties. Price 15c per 100; $1.00 per 1,000. If by mail, add 10c per 100. Des Moines Plant Co., 38th St., Des Moines, Iowa.

If ripe tomatoes are wanted in April, when price is high, you should plant in January our own strain Lorillard, early, heavy, prolific. Strong 2½-in. pot plants, $2.00 a 100. Cash. Roney Bros., West Grove, Pa.

Best two tomatoes for winter forcing—Mayflower and Lorillard, true stock. Fall transplanted plants, $2.00 per 100. Cash please.
Benj. Connell, West Grove, Pa.

Tomato plants, pot-grown, Beauty and Lorillard, ready Jan. 1. Mrs. Griswold, Worthington, Ohio.

VERBENAS.

Our rooted cuttings of verbenas will not only please you, when you receive them, but when they bloom they will please your customers. 25 best bedding kinds, 60c per 100; $5.00 per 1,000. Express prepaid.
S. W. Pike, St. Charles, Ill.

VERBENAS—Continued.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $3.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings 40 best mammoth varieties, 60c per 100; $5 per 1,000. Express prepaid. C. Humfeld, Clay Center, Kan.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Lemon verbena, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Send in your order now for a copy of the Florists' Manual.

VINCAS.

Vincas, variegated, rooted cuttings, $1.25 per 100; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca vines, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

1,000 Vinca variegatum, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

VIOLETS.

Violet Runners. 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free. Wm. Swayne, Kennett Square, Pa.

La France and Princess of Wales, $5.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

California violets, good strong plants at 50c per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

10,000 M. Louise violets, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Swanley White, 2-in., $2.00 per 100. Nanz & Neuner, Louisville, Ky.

MISCELLANEOUS.

Rooted cuttings, per 100: Achyranthes $1.00, Cuphea (cigar plant) $1.25, Impatiens Sultani $2.00, Manetti, tricolor $1.50, Perdescantia tricolor $1.25. Impatiens Sultani and Manettia, 2½-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

Best 6 varieties hardy garden pinks; Hoit's mammoth sage; Vinca major variegated and santolina (lavender cotton), all rooted cuttings, $1.25 per 100. Cash please. Benj. Connell, West Grove, Pa.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

TO EXCHANGE.

To Exchange: Chrysanthemum stock plants of Bonnaffon, Weeks, Ivory, Pacific, white and yellow J. Jones, Ito, Hawk, Perrin, Niveus, Morel, Henderson, at 50c per doz.; Dracaena Indivisa, 4-in., at $1.50 per doz.; Cyperus gracilis, 5-in., at $1.50 per doz., for summer blooming carnations and stevia. C. Winterich, Defiance, Ohio.

250 A. Sprengeri, 2½-in., ready for 3-in., in exchange for rooted carnation cuttings or for pansy plants; rates 2c. One Cyrus revolute specimen plant; over 50 good leaves; 36 inches high, for sale cheap. Give me a bid. A. Schoepp, Marietta, Ohio.

Anything in our 1901 catalogue (which is now ready) for cannas, rubbers, dracaenas, Asparagus plumosus seed or kentias. Morris Floral Co., Morris, Ill.

1,000 rooted cuttings of Tradescantia or Wandering Jew for rooted cuttings of double petunias. J. A. Keeney, Monongahela, Pa.

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Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

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Southern wild smilax, new crop now ready. Agents: A. D. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Fregared Tropical Palms. Chemically prepared from natural Florida palms. Agents wanted in every city. Send for wholesale price list. J. A. Keeney, Monongahela, Pa.

Laurel festooning, the best, 5 to 6c per yard. Crowl Fern Co., Millington, Mass.

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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
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Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 65c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducers.
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J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

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Parlin & Orendorff Co., Canton, Ill.

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We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
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Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 605 Arch St., Phila., Pa.

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Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
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Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

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Coldwell Lawn Mower Co., Newburgh, N. Y.

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Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 23th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
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Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

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J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

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C. A. Kuehn, 1122 Pine st., St. Louis, Mo., Manufacturer of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash ave., Chicago.

MADISON, N. J.

The annual "smoker and general good time" of the Morris County Gardeners' and Florists' Society was held in the Masonic Hall, Madison, on Jan. 9th. About 70 members and friends attended and can attest to the great jollity of the occasion.

A short business meeting was held previous to the lighting of the fumagators, and the reports of the secretary and treasurer were most gratifying and encouraging. No man, be he boss or worker, in that section of New Jersey can afford to ignore the value possible in being a member of such a live society.

At the opening of the entertainment Arthur Herrington, on behalf of the members of the society, commenced to puzzle the president and amuse the initiated by a very grave speech on the difficulties of maintaining order and instilling into the minds of the members a proper regard for the dignity of the chair. The genial president was about to rule Mr. Herrington out of order when that gentleman, in a few humorous words, presented Mr. Duckham with a beautiful silver mounted gavel, expressing the hope of every member of the society that he, the president, would always be able to wield it and that it would remind him of the esteem they all had for him. Mr. Duckham was completely taken by surprise and thanked the members for the gift, and more still for their promise of support during the year.

A vote of thanks was given the members who had helped to make the society head the list of winners at the convention exhibition, held in New York last August. Then the committee set to work to distribute the good things. The coffee and "Morristown punch" made by the members were remarkable for quality. I heard many experts say no better celery could be found anywhere, and the many other good things provided were thoroughly enjoyed. The entertainment program consisted of several selections by Mr. Lester, impersonator; Mr. Home, Irish comedian; Stryker and Jackson, plantation songs; Mr. Berry, recitations; Mr. Pile, comic songs; Mr. Foote, ditto; C. Cuilla, mandolinist; Messrs. Hopkins and Klein, soloists; and Mr. Wright, phonograph selections. Mr. P. O'Mara spoke for the Society of American Florists, and J. I. Donlan for the Horticultural Press.

Among the visitors were John P. Cleary, J. W. Withers, P. O'Mara, S. Butterfield and J. I. Donlan, of New York; Malcolm McRorie, John Hayes and George Smith, representing the New

Jersey Floricultural Society, of Orange, N. J.; John N. May, of Summit; Messrs. Caparn and Jones, of Short Hills, and several others.

Such nights come too seldom, such societies are too few; it is perhaps unfair to single out any one or a few where so many deserve praise, but we cannot help mentioning the work of the genial secretary, C. H. Atkins, and we wish to thank the society for its kind invitation.

J. I. DONLAN.

SEEDS.

New York exported 1,360 bags of clover seed during the week ending Jan. 5.

A. A. Mather has succeeded T. C. Parkhurst, seed dealer at Canandaigua, N. Y.

Chicago received 414,000 pounds of timothy seed during the week ending Jan. 5; compared with 390,000 pounds a year ago. The shipments were 264,000 pounds; compared with 764,000 pounds.

Clover seed receipts at Chicago for the week ending Jan. 5 were 138,000 pounds; compared with 253,000 pounds a year ago. The shipments were 212,000 pounds; compared with 128,000 pounds.

S. F. Leonard, seedsman, Chicago, who suffered heavy loss by fire a few years ago, has effected a settlement with two-thirds of the insurance companies. The question was as to the cause of loss, fire or explosion.

Receipts of grass seed other than timothy and clover at Chicago for the week ending Jan. 5 were 304,000 pounds; compared with 124,000 pounds a year ago. The shipments were 258,000 pounds; compared with 197,000 pounds.

Clover seed receipts at Toledo, O., for the week ending Jan. 5 were 554 bags; against 1,862 a year ago. For the season to Jan. 5 the receipts have been 48,885 bags; against 103,686 bags for the corresponding period last year. Shipments were 3,793 for the week and 39,500 for the season to date; against 5,800 for the week a year ago and 78,144 bags for the corresponding portion of the preceding season.

J. F. Zahm & Co. write: The receipts of clover seed at Toledo continue very light, and we see no indication of any increase in the near future. Shipments out of here show an increase, most of the seed, however, having been sold several weeks ago. Some dealers say they have been unable to sell any cash seed since the market advanced, but that is only natural. The Eastern buyers are always slow in following the advance when they are in no hurry for the seed.

C. A. King & Co. report that: December receipts of clover seed at Toledo were the smallest for that month in many years. They have been 5,000 bags, against 10,300 last year; 10,200 two years ago; 17,000 in 1897, and 7,300 in 1896. January receipts are generally smaller than the December and may be a little this season. February shows no material change, while March generally shows a large increase, dealers sending in their surplus, which this year is expected to be very small. December shipments were also very small. They were only 3,700 bags, against 12,000 year ago, 4,000 in 1898, 12,800 in 1897, and 1,800 in 1896. —*Grain Dealers' Journal*, Chicago.

BRADFORD, PA.—W. C. Rockwell, the florist, has a broken shoulder as the result of a bad fall Jan. 10. The fracture is a serious one and Mr. Rockwell's many friends in the trade will learn with much regret of his misfortune.

THADEN'S WIRE TENDRIL.

This new device seems to be a really useful addition to the list of supports and possesses several advantages over any other we have seen. The "Tendrils" are readily attached to a wire or cane stake and can be easily moved up or down on same afterward, which must be a decided advantage. The price seems reasonable and we are inclined to think they will be largely used when better known. A sample sent to us impressed us very favorably. They are made by H. Thaden, Atlanta, Ga.

CRIPPLE CREEK, COLO.

Trade for the holidays was far ahead of former years. On account of the high price of cut flowers, especially carnations, there were more potted plants sold than ever before.

The Webster Floral Co. report a fine trade in potted plants and cut flowers, especially Beauties.

Hartman & Mason report trade good. They had some very fine carnations and violets.

J. M. Burns, who recently bought the store of Mrs. L. A. Hayes, had a splendid Christmas trade and potted plants sold well. He also reports a number of weddings and large decorations.

Considerable green was used here notwithstanding the high price. Holly was good and sold well.

There are four stores in the district now. Cripple Creek has three (and two greenhouses) and Victor one. As the camp is not ten years old yet this speaks well for the people here. J.

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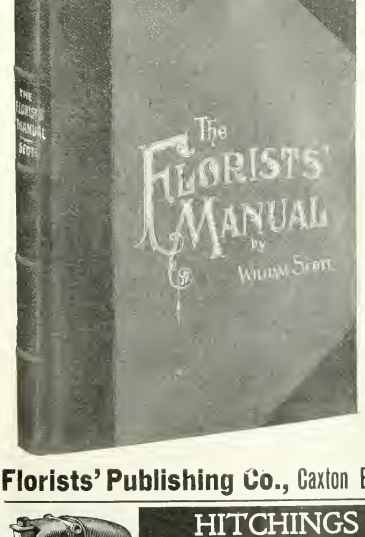

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts, 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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want your goods if you have the goods they want.

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and your prices are right you can do good business through an adv. in these columns.

YOU WILL FIND

our adv. rates on the opposite page.

IF YOU HAVE PLANTS

to sell you can sell them quickly and cheaply through our classified advs.

THE LETTERS

on the margin of this page show what Review advs. do for adver-vertisers.

Our advs. in the Florists' Review for the year ending May 1, 1900, cost us only 5 per cent on orders received.—THE MORRIS FLORAL CO., Morris, Ill.

We thank you for your most excellent service.—GREENE & UNDERHILL, Watertown, N. Y.

Your paper is a great puller to sell plants. I could have sold double the amount that I had. I shall always advertise in the Review when I have anything to sell.—J. F. BROWN, Knightstown, Ind.

Returns from the Review have been unusually satisfactory.—EDW. B. JACKSON, Stamford, Conn.

We are more than satisfied with the results of our advertising in your paper. The Review is surely the best paper of all.—JOS. LAIHR & SONS, Springfield, O.

I sold all the cuttings I had the first week after adv. appeared.—F. G. LEWIS, Lockport, N. Y.

Please stop our adv. in Review as we are sold out. Sold 900 stock 'mums in one week.—G. D. LOTZE, Glen Burnie, Md.

Please discontinue my adv. under head of Geraniums until further notice. Wish I had stock to supply the demand. Will send you copy for more advs. soon.—S. W. PIKE, St. Charles, Ill.

I had good success with my advs. in your paper this season.—S. D. BRANT, Clay Center, Kas.

The Review is a grand paper. It sold all my plants this spring and I am well pleased.—C. LAWRITZEN, Rhinebeck, N. Y.

Our small adv. in your paper has given the best of results.—G. VAN BOCHOVE & BRO. Kalamazoo, Mich.

I am much pleased with the results your paper has given me in such a short time. —E. J. CLOUD, Avondale, Pa.

Am pleased with the results of my adv. —C. W. REIMERS, Louisville, Ky.

We consider the Review the best advertising medium and the newsiest paper published for the trade.—GEO. M. KELLOGG, Pleasant Hill, Mo.

We are very much pleased with the results from advs.—EVENDEN BROS., Williamsport, Pa.

We found your paper the best of the lot in results.—FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

Through my adv. in the Review I sold all my plants and could have sold many more if I had them. I think your paper a great seller.—MRS. E. KUNTZ, Frankfort, Ind.

Through your valuable advertising medium I am all sold out of 20,000 plants from 3-inch.—W. C. ROCKWELL, Bradford, Pa.

We always have had good returns from the Review.—J. A. MCDOWELL, City of Mexico.

The adv. brought me plenty of buyers for windmill and tanks.—C. J. BENZ, Conshohocken, Pa.

Results from advs. have been very satisfactory. — MRS. THOS. LAWRENCE, Ogburg, N. Y.

Your paper seems to hunt out the buyers. We are well pleased with results.—DAVIS BROS, Morrison, Ill.

The returns we receive from advs. in the Florists' Review are very satisfactory and greately exceed those from other papesr.—MCKELLAR & WINTERSON, Chicago.

CHICAGO, Dec. 22, 1900.

THE FLORISTS' REVIEW, 334 Dearborn Street, City.

GENTLEMEN: Replying to yours of the 21st. You may continue our advertisement in your paper the same as it is now for the next fifty-two times. We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. There is hardly a day goes by that we do not receive an inquiry from at least one or two parties, saying that they have seen our advertisement in your paper. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.

Hoping you will have continued success with your paper, we are,

Yours very truly, S. WILKS MFG. CO., Per E. H. SEDGWICK.

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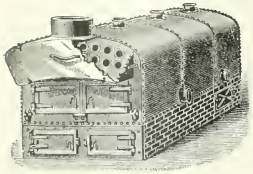

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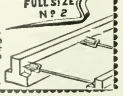

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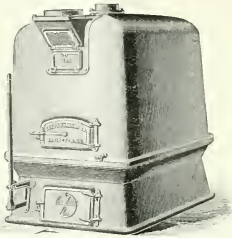

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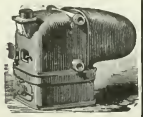

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run pretty low before you can go on to sleep or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all the florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM.

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive age of the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS. R. J. CORYELL, Gen'l Supt.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his appreciating friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial culture in America, have appeared, but, so far as we know, have not been up to the mark; but the teachings within have certainly been in the years rolled by since the first appeared, to a less extent only, of the growing mutability in methods of the Manual containing, as it does, the most thoroughly up-to-date practice, as it should, should meet with a hearty welcome from all engaged in the florists' trade in America. Not only will it be found a valuable work of reference, in matters both general and detailed, by the trade in general, but the amateur gardener, the handy man, and the young beginner, will find in it a mine of information, and a handy guide to the best methods to adopt. Nearly 200 illustrations of the most prominent and useful plants and flowers in commercial value, the graphic and the true conveying greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists, a book describing the best plants commercially, with cultural advice founded on experience. As will be seen in this light, it is a valuable and instructive work, very complete in its details. But it must not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect it of a work exactly fitting their requirements. Rather judge it through the author's own words, i. e. "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a consideration which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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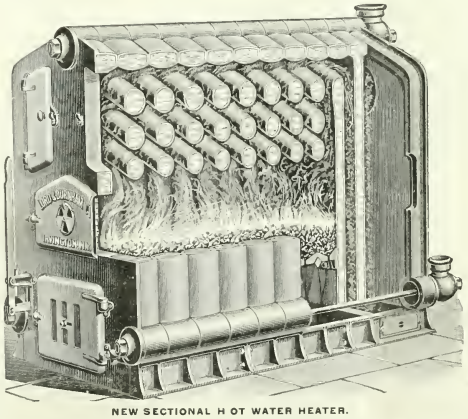

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FLORISTS' REVIEW

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Vol. VII. CHICAGO, JANUARY 24, 1901. No. 165.

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(Signed) ROBERT KIFT,
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N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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A CARNATION MEETING.

The annual carnation meeting and exhibition of the Chicago Florists' Club was held Jan. 18.

The exhibition was, as usual, a most attractive feature, and many promising new varieties were displayed. We present herewith engravings from photographs taken specially for the REVIEW that will, we believe, give an idea of what the display was like. The committee on awards reported as follows:

Seedlings Scored.

Mme. Chapman, 72 points.

White Daybreak (W. P. Harvey), 79 points.

Queen Louise (The committee regrets the variety showed signs of suffering from shipment), 81 points.

Irene, 82 points.

Lorna, 90 points.

Egypt, 82 points.

Norway, 92 points.

Elinora, 82 points.

Guardian Angel (Guardian Angel Orphan Asylum), 85 points.

Mrs. Higinbotham, 80 points.

No. 78 of Chicago Carnation Co., 82 points.

Mrs. Potter Palmer, 77 points.

No. 101 of Chicago Carnation Co. (white), 90 points.

Pink Armazindy (Wietor Bros.), 78 points.

Guardian Angel (P. Reinberg), 85 points.

Pink Armazindy (M. Weiland), 75 points.

Daybreak sport shown by H. Luedke, Lake Geneva, Wis., no improvement over a well grown Daybreak; no award.

General Display.

Well grown blooms of standard sorts were exhibited as follows:

Peter Reinberg: Crane, Marquis, Genevieve Lord, Peru, White Cloud, Melba, America, Lawson and Frances Joost. Also Golden Gate and Liberty roses.

W. P. Harvey: Evanston.

Bassett & Washburn: Red Bradt (extra fine), Marquis, Maceo, Lawson.

Nathan Smith & Son: White Cloud, Melba.

F. Dorner & Sons Co.: Morning Glory.

H. Weber & Sons: Genevieve Lord (extra fine),

R. Witterstaetter: Enquirer (extra fine).

Wm. Kurtz: Scott, Armazindy.

Guardian Angel Orphan Asylum: Lawson, Armazindy, White Cloud.

Wietor Bros: White Cloud, Marquis, Triumph, Flora Hill, America, Crane (extra fine), and pink Armazindy.

Anton Then: Lawson (the best Lawson in the house), Hill, Mrs. Dean, Bradt, Argyle, Triumph, Crane, Chicago, Joost and Daybreak.

M. Weiland: Chicago, Pink Armazindy, Gov. Griggs, Gomez, Lord, Argyle, America, White Cloud, Crane, Evanston, Marquis (extra fine), Bradt, Estelle, Melba, Daybreak, White Daybreak. Also vase of cyclamen flowers.

John Hoeft: Hill, Triumph and Jubilee

Eli Cross: A fine collection of violets.

In considering the awards it should be borne in mind that some flowers were staged several hours before others, which was hardly fair to those first in position.

The committee is informed that exhibits of Prosperity and Gov. Roosevelt are on the way, but have been delayed; the flowers have not arrived in time to be judged.

W. N. RUDD,
CHAS. KNOPF,
E. R. GESLER.

Of the seedlings shown by the Chicago Carnation Co., Mrs. Potter Palmer is a red; No. 101, white; No. 78, a variegated in the way of Olympia; Mrs. Higinbotham, a light pink.

The vase of Enquirer, shown by R. Witterstaetter, was magnificent, the blooms being considerably superior to those shown here at previous exhibitions. It is seen in one of the pictures.

A vase of Genevieve Lord, shown by H. Weber & Sons, was also worthy of special note. The blooms were superb and better than we have ever seen before. Their Norway is certainly a very promising white, and Egypt is an attractive light crimson.

Lorna, as shown by F. Dorner & Sons Co., also showed marked progress in whites, and their vase of Morning Glory further emphasized the value of this variety as a light pink.

J. L. Dillon's vase of Queen Louise attracted much attention and was favorably commented upon as a commercial white, though the flowers unfortunately showed the stains of travel.

Crabb & Hunter had on display two great bunches of Irene and they made a grand display. It is certainly very effective.

Bassett & Washburn's flowers were all extra and the blooms of Red Bradt were the finest we have ever seen. What's the matter with this variety as a strictly first class red? Is there yet anything to beat it in either size or color?

Mme. Chapman, pink, was shown by Henry Smith, Grand Rapids, Mich. It's a pretty flower.

The displays by Wietor Bros. and Anton Then were very comprehensive and the quality was strictly first class without exception.

M. Wieland's display also included many varieties, all well done. But a vase of Estelle seemed especially good. It was better than when shown here some time ago by the originator. Mr. Peter Wieland, who has entire charge of his father's big range of glass at Evanston, is only 23 years of age, and the blooms shown certainly reflect the greatest credit upon so young a grower.

The quality of blooms in the display by Peter Reinberg was uniformly extra, and we were much pleased to see the Liberty rose in form about as good as when grown by the originators. It is evident that the needs of this rose have been met at this establishment and all will agree that such blooms will have a place near the top in the market. The Golden Gates were also superb and must have been a revelation to many as to the possibilities in this rose.

The violets shown by Eli Cross, of Grand Rapids, Mich., were Imperial, Campbell and Swanley White. The dark color and size of the Imperial should make it very popular if productiveness is up to the mark.

It is much to be regretted that Prosperity and Roosevelt, the stars in anticipation, did not arrive in time to be shown. Everyone was asking for them. They did arrive the next morning and the vase of Roosevelt was on display Saturday at McKellar & Winterson's, while Prosperity was to be seen in the window at Vaughan's.

Roosevelt is certainly ideal in form and stem, and the color is a beautiful shade of crimson. In size the flowers measured a good plump two and one-half inches in diameter and they arrived in such perfect condition it was difficult to believe they had traveled clear from the Atlantic coast.

Prosperity showed the stains of travel, but the blooms nevertheless told what they were like when fresh. It certainly is a huge flower, some of those in this lot measuring three and one-half inches in diameter. Were the petals a little more numerous it would probably have carried a little better. The color is white with a suffusion of pink on each petal, and the size is such that the attention of the average passer-by is instantly attracted.

The management of the exhibition fell almost wholly upon Ed Winterson, who put in his time hustling while the rest of us were enjoying ourselves on the excursion to Joliet. Mr. Winterson isn't much on dress suits and things of that sort, but he is long on hustle and muscle. The photographer managed to include him in one of his groups and he will be discovered in one of the pictures.

At the meeting of the club in the evening the final report of the Galveston fund committee was accepted and the committee discharged with the thanks of the club for the service rendered.

Messrs. John P. Risch, Evanston, and Thos. Archer, St. Joseph, Mich., were elected to membership.

President McAdams in introducing Mr. Hartshorne, the essayist of the evening, spoke of the great advancement made in the new carnations as noted at the exhibitions from year to year. Mr. Hartshorne's paper follows:

SOME CARNATION QUESTIONS.

BY JAMES HARTSHORNE.

Mr. President and Gentlemen: You have asked me three quite important questions. First, Is the bottomless pot a success? Second, What new varieties of the season give the most promise? Third, Is early lifting in summer preferable? I can only state my own experience, and should it not coincide with your views there will be all the more chance for discussion of the subjects herein mentioned.

To begin with I can say very little for or against bottomless pot culture of carnations, as I have not tried the method myself, but I have seen it in use where the variety Mrs. F. Joost was used. At planting time the thriftiest plants were

selected for the pots, the next best were planted out on the same bench in the ordinary way. The same treatment has been given both lots, and at the present time both batches look alike, so that would lead most of us to believe that there was no special advantage in the bottomless pot for carnation culture. But the way it appeals to me, it should be a good thing, as it keeps the plants and foliage from resting on the beds, affording a better circulation of air through and underneath the plants, causing less stem rot and keeping them in a healthier and stronger condition, thus enabling them to take up more stimulants.

I do not for a moment believe there is enough in its favor to ever warrant a large grower to adopt its use entirely, but if I had a small place I think it would be worth a fair trial, for if I could grow only a trifle better grade with it, it would be quite a feature in enabling me to hold my own with the growers who have a large amount of glass. I was informed a day or two ago that Dorner is using it very successfully and is well pleased with his experiment so far.

What new varieties of the season give the most promise? The question as I understand it refers to introductions of 1900. I am not in as good a position to answer this as one would be who had speculated in all the novelties in equal proportion. I settled the question in my own mind last spring, as every grower should aim to do. I place Lawson at the head of the list, Marquis next, and a toss up between the others. We are growing those two by the thousands, while we have the others by the hundreds only, in quantity perhaps hardly large enough for us to say much in regard to them. I believe Morning Glory to be a very good commercial sort in its color, a very pale pink. As I have seen it, it is a very free bloomer and those are the ones that make the money when grown by the average florist.

The Lawson I always thought, and am now thoroughly convinced, is the best carnation ever offered to the trade, and when other growers have mastered its peculiarities as we have, there is not the least doubt in my mind but that they will agree with me. I predict for it a great future and a longer standing than any other now in commerce. Marquis, too, is a most beautiful color, large, well formed flowers, and is a money maker, I believe, as we grow it. It is perhaps too early for anyone to pick the positive winner of the others, though I must say Genevieve Lord is the best warm weather carnation I ever grew.

Is early lifting in summer preferable? There is no doubt of it. Most every one is planting earlier than formerly. Even growers who never planted before September are now planting in July or first part of August. Why? Because they saw their competitors too far ahead of them. Since they have adopted the new method they are right in it for high prices. There are certain hard wooded varieties, Lawson for instance, and any variety that is slow to establish roots in the greenhouse, must be planted early to insure success. It has been generally understood and I think conceded by indoor growers that a larger amount of blooms can be produced from late planted stock, but I'm inclined to think that even that point will not be conceded when we become more accustomed to indoor growing or early planting. We have a large quantity of stock that was planted late last fall that will not give anywhere near the number of blooms as stock of the same varieties planted in July; even should it do so the first crop was short stemmed and sold for just a verse of a ragtime song. The second was cut in time for the holidays, and if we get the third it will be so late in the season that we can not expect fancy prices, whereas we can always demand a fair price for blooms of stock planted early, and can depend upon a more even supply throughout the year.

I don't think it is absolutely necessary to plant in before August first, but as soon after as possible, and if they are all housed by that date so much the better. If we have unfavorable carnation weather outdoors, to better advantage will the indoor stock show up; if favorable, then the difference will not be so marked.

Display by Peter Reinberg at the Carnation Meeting of the Chicago Florists' Club.

Mr. Hartshorne then read some verses he had written for the occasion as follows:

Carnations new, I've raised a few,
Though none, perhaps, to beat old Jube.
Other growers have done the same,
But they'll have to try again.

We hear it said we want a red;
The other fellow shakes his head.
We've reds enough; no more bluff—
Of red carnations we've enough.

We need a white. It beats my life
The number that have come to light
Only to stay a year, or, say—
We've dropped them 'cause they wouldn't pay.

White Cloud is good; so is Hill,
But many swear by McGowan still.
If you're all the same as me
You'll try Norway, Lorna or Bon Homme.

At a casual glance we've pinks galore,
But nothing wonderful; and what's more,
If we had, they wouldn't suit
Every blithering big galoot.

Should I call Marquis "all right"
Some one sure would want to fight.
A year ago we all had
One to beat the Lawson had.

But it's ne'er materialized,
Though you may laud it to the skies.
Should you think so any more,
Ship it down to Baltimore.

That's the place to try the test,
For the judges there do their best.
As far as exhibitions go—
You'll surely get what credit's due.

The trouble with us all is that
We want a bloom as big as a hat—
A plant to give a hundred at least.
Where will it come from, West or East?

And so it goes. From year to year
Some one sends out another peer.
The one supposed to beat them all
Generally takes the heaviest fall.

In the discussion that followed, Thos. Dale, Brampton, Ont., said that while Canada was ready to admit that it couldn't produce carnations equal to those on exhibition it held firmly to a front position in rose growing. He told of growing roses in beds made of clay brick and tile with 4½ inches of soil on top, and said that plants bedded as late as the middle of August were now five to six feet tall and with foliage to the ground. He described the construction of the 800-foot rose houses erected recently on the Dale estate. They grow some violets and Farquhar does well with them. They think a good deal of Princess of Wales and find they can get 50 cents a hundred more for the singles than for the doubles.

W. L. Kring, Fairbury, Ill., said he liked Lawson best among the novelties. He uses much more water than is usually recommended for carnations and has success. His soil is a very black loam and he maintains a temperature of from 48 to 52.

Chas. Knopf, grower for E. T. Grave, Richmond, Ind., noted that fancy carnations have not averaged as high in price as last year and wondered whether the fancy carnation was being overdone. The soil he uses is a yellow clay with a little sand. He mulches but never feeds liquid. He runs the plants very cool, often down to 40, and 46 is considered high. He gives but little water and an abundance of air.

He follows what has been called the "Groove" system. After the plants are benched no shade is given and the amount of water given is small. A groove is drawn in the soil between the rows and water is given in this groove only, the idea being to keep water away from the soil around the plant that it may keep loose and not be packed down. The dry loose soil acts as a mulch and it is better for the plant. The latter part of September a mulch is applied and the plants are then watered once in one or two weeks. This mulch is now full of young feeders. In response to a question he said he had seen the

[illegible]tter. H. Weber & Sons.

Flowers at the Carnation Meeting of the Chicago Florists' Club.

new pink carnation Dorothy and was free to admit that it was a good one, even if it did originate at the establishment where he is grower.

E. R. Gesler, Galesburg, Ill., still grows Jubilee and likes it. He propagates early and gets as many flowers as from Crane. He considers Ethel Crocker a good one for a grower who retails his flowers, but fears it will not prove a good shipper. He will increase the space devoted to it at his place. He likes the Marquis. He believes that no variety should be condemned upon but one season's trial, and that not until the second season can it be definitely determined whether a variety is suited to your soil and conditions.

E. T. Grave, Richmond, Ind., was interested to learn that one grower grew White Cloud very wet and another very dry, both reporting success. He thanked the Chicagoans for courtesies received.

Anton Then said he never kept himself on the dry side and treated his carnations just as he did himself, only the carnations were restricted to water alone. He told of a recent trip of a party of which he was a member through the Indiana carnation belt and from his description the trail must have been a warm one.

Peter Weiland told of how he had been stimulated to try for higher quality by the fine blooms shown at previous exhibitions, and how he had this year dared to bring in some blooms to compare with the best work of others.

J. T. Anthony said if he could have suitable weather for planting carnations inside in July he would plant in at that time, but if the weather was hot then he would wait until the temperature fell to 70 degrees if he had to wait till October. He had found that plants put under glass when the temperature was high always did poorly and were often beaten by plants benched during a cool spell at a much later date.

Votes of thanks were passed to those who had sent flowers for exhibition and to the Chicago Carnation Co. for the enjoyable excursion to their establishment at Joliet.

CARNATION NOTES.

Treatment of Cuttings.

Those Mrs. Bradt cuttings and perhaps a few other varieties you put in sand last December will be about ready to be taken out and potted now. Use 2 or 2½-inch pots for the first potting as they will need a shift in March into 3 or 4-inch pots to keep them growing nicely until planting time. From 2 to 3-inch makes a nice shift, but if potted into 2½-inch they will need a 4-inch when shifted. Use the same soil as you do for planting on the benches, but run through a screen of ½-inch mesh for first potting and add a little sand, say one-sixth.

If you grow only a few hundred Mrs. Bradt it will pay you to plant from 4-inch pots if you can spare the room when they need shifting. With all those varieties that make very little grass it pays to grow as strong a plant as possible before planting out time. Keep them pinched and get as many shoots started as possible; they will break more readily early in the spring inside than they will outside in summer and if you can have about ten or twelve shoots started before planting out they will need no more pinching but they can spread out into a compact plant and be ready to house by Aug. 1.

If you grow Mrs. Bradt inside all summer, and I think it is the best way to grow it, it will pay you to plant on the bench from 2½-inch pots in April instead of shifting them. They will take hold better while the weather is cool and will make a stronger growth on the bench than in pots. Nearly every place has a bench, or part of one, that is not doing any good and it will pay well to clear it off and replant with young stock of Mrs. Bradt or some other variety that needs indoor culture.

Last spring we fired a house of poor roses the first week in May and planted with Mrs. Bradt, Jubilee and America and we are being well repaid for the extra month and the early start we gave them on the benches. It is a mistake to plant inside in June, or later, the same sized plants as you plant outside in April. By the time hot weather sets in they should be nice bushy plants so that when rapid growth recommences in the fall they can be allowed to come right into bloom. The same applies to those in the field if they are to be housed in August. Many growers do not pot their carnation cuttings at all, but plant them on benches in two to three inches of soil and two to three inches apart each way between the plants according to the variety and the length of time they are to remain there. This method produces stronger plants than do those in pots as the growth is more rank on account of the roots having more freedom. There is not the danger of stunted growth from being pot bound and there is a large saving of room. Plants that are grown this way if planted out under favorable conditions will take hold and start off just as well as those grown in pots, but the latter will stand a dry spell right after planting much better because there is not so much disturbance of the roots when they are transferred to the field. On some places they are planted in flats made of light material and of a convenient size and these are raised up on shelves near the glass. This is a good idea (if care is exercised in watering as they are apt

N. Smith & Son. Bassett & Washburn.

Flowers at the Carnation Meeting of the Chicago Florists' Club.

to dry out quickly) as it keeps them near the glass which is important in producing good young stock and they can be moved around when necessary. We are apt to set the young potted plants just wherever we happen to find room, which is a great mistake. They should be near the glass and have the full sun except during the first week after the first potting, when they should be shaded on bright days. Remember that these young plants are to be your blooming stock next winter and the very best of care is none too good for them. Surely a plant can be expected to do better when well taken care of from the beginning than when it is neglected one-half of its real growing season and then overfed and pushed along the other half. The growth will be more steady and sturdy and the plant will be in better shape to produce high grade blooms. The temperature should be the same as the blooming plants are kept in, about 50 degrees.

Buying Rooted Cuttings.

If you expect to buy rooted cuttings of any varieties of carnations you should make up your mind and place your order at once. Have your cuttings delivered in February so you can get them growing in good shape before planting time, the same as your own propagating. You will get much better stock if you place your order early and say "ship when well rooted," than you will if you wait until the last minute and then insist on having them at once. If you give the shipper plenty of time and allow him to use his own judgment in regard to the time of delivery you can insist on receiving good stock and you are likely to get it, too.

Of course you will want to try a few of each of the novelties that are to come out this spring and you should get in your orders at once. There will not be enough of some of them to go around and you may get poor stock, or none at all, if you wait too long before ordering. You do not need a thousand of each variety, nor even a hundred, unless you have reason to think that it is a good one and that it will do well with you. Twenty-five or fifty plants will enable you to judge pretty well what a variety will do for you and will give you a good start with any variety that does show up well. Get at least a few of as many varieties as you can afford even if you get several of the same color, because they may differ in every other respect save color. By doing this each year you can keep yourself posted on all the new varieties as they come out and that done is worth a good deal.

Of course a large percentage will not show up even with some of the older ones but it may not be the fault of the varieties. Unless a variety does extra fine with others or unless the originator showed extra fine blooms of it, it will not pay you to bother with a variety that does not like your treatment. You can get others that will do well unless you are badly off. If you do buy a large quantity of a variety try to find out as much as possible about its habits and requirements, so you will not be working in the dark. The originator will have about three years' experience and ought to be willing and able to help you grow it right.

A. F. J. Baur.

Display by M. Weiland at the Carnation Meeting of the Chicago Florists' Club.

CARNATIONS IN CANADA.

A very pleasant and social meeting was held at the establishment of the Dale estate, Brampton, on Tuesday, the 15th inst., at which about fifteen of the trade were present, coming from Toronto, London, Galt, Stratford and Berlin, each one bringing an exhibit, large or small as he was able. The morning was spent in going over the vast area covered with glass, discussing the various varieties of carnations, roses, violets, etc., etc., their likes and dislikes, their good and bad habits, their usefulness and money-making qualities, Mr. Edw. Dale, the manager, acting as guide. This took up the whole morning and part of the afternoon and it was not until 3:30 p. m., after the party had partaken of much needed refreshments (generously supplied by the estate), that the secretary was able to call the meeting proper, in the packing room.

Each one set his own flowers out in vases, Mr. J. H. Dunlop took the chair, and the merits and demerits of each variety were discussed, each one present giving his experience. The result was most interesting and instructive and it is to be hoped that this informal meeting will be an annual affair and not allowed to drop like so many other good things. Mr. Fred Dicks, of London, had thirteen varieties, amongst which was of course Eldorado, which Mr. D. always grows to perfection; Improved McGowan, Marquis, Van Horne, E. Crocker, Mrs. Bradt, etc. Mr. J. H. Dunlop, of Toronto, had Morning Glory in fine condition, Estelle (a lovely red but slow of propagation), Elinora, E. Crocker, G. Lord, Mrs. B. Lippincott, etc. Mr. Wm. Gammage had some very good Mary Wood, of which he says 90 per cent came "selects," Marquis, G. Lord, Lippincott, etc.

Mr. Dale picked some magnificent Crane, Cerise Queen (which he always grows well), Glacier, Melba, Morning Glory, etc.

On a vote being put to the meeting for the best pink carnation shown, Morning Glory took the cake, Melba and E. Crocker were tied for second place. G. H. Crane was the unanimous choice as the best scarlet, and Mrs. Bradt as the best fancy. Glacier came in ahead as the best white; White Cloud, second. It was the general opinion, though, that another white is wanted to take the place of McGowan, which, though not quite dead yet, has one foot in the grave. Scott also appears to be degenerating, but will be grown by many for some time yet.

Those present were Messrs. Common and Wells, of Galt; Dunlop, Manton, and Muston, from Toronto; Gammage and Dicks of London; Neal, of Stratford; Ewing, of Berlin; Fendley, Jennings and Dale of Brampton.

E.

AMERICAN CARNATION SOCIETY.

The exhibition to be held in Baltimore, Feb. 21st and 22nd, will be the greatest ever held by the society. About 200 of Baltimore's best ladies will act as patronesses of the show. The hall, which is a handsome one, for the occasion will be appropriately decorated and the abundant space at our disposal will enable us to display any and all of the carnations that may be sent or brought.

The liberal premiums offered should bring out a good display of the standard sorts and every grower who has a new one of merit will make the mistake of his life if he does not bring it to this show.

Carnation men will please make a mental note of this and any one desiring a premium list can secure one by applying to the secretary, Albert M. Herr, Lancaster, Pa.

CARNATION RECORDS.

I have three new carnation houses, each with two center benches 6½x124 ft., a walk in the center of the house and one on each side. Short span house, ridge and furrow style, heated by hot water. Place is up to date in all respects. I wish to plant these houses to carnations of the best standard sorts, not the extra fancy, but stock that will produce good, fair-sized blooms and a profitable number per plant or square foot of bench. What sorts will pay the best? Will the experienced readers of the Review please tell me? I would like to hear from as many as possible and believe that the replies will greatly interest many others besides myself.

I would like especially to know the number of blooms each variety has produced the season through. How much should I expect to receive per hundred square feet of bench surface (gross)?

I have talked with large growers who

could not tell exactly which variety produced the most flowers or paid the best. They could only say that they thought this sort or that was the best to grow. It seems to me that we ought to have no difficulty in knowing with absolute accuracy. Certainly some growers must have something beside guesswork. May it makes the price of roses or carnations seem to be higher than they other wise would be—or if they do not, they are getting nothing for the labor expended in growing or the money expended in buying the vexatious greens. A civil explanation should make this plain to reasonable patrons, and if the cinths and Von Sions were flowering out of doors, that is, those that have been protected with boards or a sash up till the first of the month.

It is so near the flowering time for both of these bulbs that I would say for any season two weeks in the greenhouse is ample time. Tulips require a little

Anton Then Wietor Bros.

Flowers at the Carnation Meeting of the Chicago Florists' Club.

we readers of the REVIEW not be favored with some cold facts by them?

My market is a wholesale commission house in a city of 400,000. Prices range from $1.00 to $3.00 per 100 during the winter months for good, long, clean stock of Daybreak, Scott and Hill; Crane and that sort of fancies, from $2.00 to $6.00.

Can we not all help one another by a free and open discussion of the value of varieties, by publishing in the REVIEW our records of actual results; guesswork to be barred? I shall gladly contribute my results when I have any. Just now I want to save any useless expense in demonstrating to myself what other growers already know and can tell me off hand—at least those who keep actual records and don't depend on their "guesser." Hoping to hear from a number of such, I am, yours for PROSPERITY.

ABOUT GREENS.

Your always entertaining and usually instructive correspondent "Ivera" in a recent article refers to the above subject in a despairing way, and his moan is no doubt echoed by many florists in different localities. Those who have got into the habit of giving something valuable to those who are not entitled to it and getting nothing valuable in return, have themselves to blame for such an unbusinesslike proceeding, notwithstanding the fact that the bad habit has been established so long that its correction would be difficult and lead to hard feelings on the part of the recipients of their bounty.

When these complainants buy a pound of tea, they do not expect the grocer to throw in enough sugar to sweeten it, and if any of them will give a reasonable explanation of why they throw in enough garnishing to properly set off the flowers they sell I for one will listen.

It costs as much or more to grow adiantum and asparagus as it does to grow roses and carnations; and if they give it away they must either charge enough more for the flowers to pay for the greenery—which would be unwise, as unreasonable ones could not get their foliage for nothing they would either do without or pay for it, as they should.

In our own practice we charge a fair price for what we sell, whether it be plants, flowers or leafage; and our customers understand this, and are satisfied. If flowers are plentiful, we put in a rosebud or two, or two or three carnations extra to the dozen, and these being unexpected are a pleasant surprise and appreciated, and let the buyer know that we do not withhold the green on account of meanness, but for simple business reasons.

Ivera also asks why carnations "are stripped of every bud or leaf of their own." He could probably answer as to the buds as well as any one. It is to obtain the large flowers that the buyers demand. If he means that the growers should cut buds and send with the open flowers, I think any of them would be willing to do this if they were paid for as flowers; for to the grower they are just as valuable. Those who strip the leaves off the stems of their carnations have mistaken their vocation. They should be in a butcher shop.

W. T. BELL.

Franklin, Pa., Jan. 19.

BULBS FOR EASTER.

When should Dutch hyacinths and Von Sions be brought in from cold-frames to be in flower for Easter? Also tulips? When should lilies be brought in to be in time for Memorial Day? T. D. B.

The above has been many times ventilated through the columns of the REVIEW. Circumstances alter cases. By that I mean there can be no definite number of days set aside to bring out these Dutch bulbs for Easter, as it depends so much on the weather we have had previously and still more on the date when Easter arrives. Easter is fairly early this year and we may have very cold freezing weather up to that time. We have seen Easter as late as the 25th of April and I remember that then the Dutch hyamore but that also depends very much on the weather. To be safe I would give the early single tulips about 20 days and the double tulips a few days more. Allowing these times is supposing that we are giving the bulbs just an ordinary greenhouse temperature and that is all they should want at any time.

T. D. B. does not say what lilies, but presumably he means the Japanese longiflorums as they are much the best for Memorial Day. Two years ago we had 2,000 of these Japans and brought them out just exactly right for Memorial Day and they were a great acquisition. We kept them during winter in a cool greenhouse, about 45 at night, and let them come along without any forcing of any kind. With the increased heat from the sun during the month of April and May they came in just right. I would say that if you have them now two or three inches high they would be in good order. Keep them about 45. Remember that after the first of April we have so much sun that they come along very rapidly and they are more likely to be too early than too late.

If they are the Bermuda strain of bulbs that you are trying to keep for this late date then I would say they should be kept in a well protected coldframe or a house where the thermometer is below 40 at night or they will be too early. WM. SCOTT.

A VIOLET EXPERIENCE.

Experience is a costly teacher in growing violets as well as in any other business, yet you sometimes try and find out things that you already knew, or ought to have known, before trying the experiment. Now for a case in point:

Last season we added a small house for violets, about 20x45, planted it out in good season and had as nice looking a house as you could wish to see, healthy and clean, and we flattered ourselves that we would have a nice cut from that house. But, like all other violet growers, we have to fight the brown aphis, and along in the early part of November

we found that we had got to give them a "smoker."

Now, from the situation of the house and our very strong dislike of using hydrocyanic acid gas when it can be avoided, we said we will give it a very heavy dose of aphis punk and see if we cannot "do them." This was on Friday night, and we proceeded, using 16 rolls. The next morning we aired up, looked things over and thought that we had done pretty well, but I wish that every grower that is tempted to go and do likewise could have followed us into that house early Sunday morning. Alas! alas!! One needed a whole bottleful of cologne under his nose and he would wish that he were blind, for such a sight I never saw before and never want to see again.

The plants had gone flat with the "spot" in one night as the result of our "smoker." Do I hear you ask if we have used tobocco for violets since? Well, my word for it, our other houses do not and have not looked like that.

Now for the rest of the experience (which was started so quickly and expensively) to date with that house. We had nothing to fill it with and wanted to learn all we could. We therefore picked off all the spot and burned it, following this up for several days until we had the plants in the state of the undressed kid in your carnation number. We were in hopes that they would throw out new leaves and recover, as they were very strong and had not been disturbed by moving, having been grown in the house all summer. They have gradually improved until now you would not think that they had had such a siege. But we have picked practically no flowers from the house until last week, when we got about 500, and this week will get about 1,000. They are full of buds, with a fair showing for the balance of the season, too late, of course, for a profitable violet house.

This is not the kind of experience one cares to tell about, and yet I tell it in hopes that someone may be deterred from trying the same thing, whether they know better or not. R.

MISCELLANEOUS SEASONABLE HINTS.

Crimson Ramblers.

I tried some Crimson Rambler roses this winter; lifted from the ground end of November and shipped from the nursery by express without delay and at once potted and stood in a cool house and kept syringed. They are not yet showing any sign of breaking or even swelling the eyes and I have no faith in them, and after this fair and, I believe, competent trial, I would never again bother or attempt to produce good Ramblers for Easter by this method.

The plants that we purchased last spring and cut down and started in pots made good canes during summer, and now, after a rest during October and November and a little frost in December, they are, after being mulched and brought into a house at New Year's at about 50 degrees at night, breaking vigorously at every eye; and so I believe in this plan and know that we shall have fine plants of Ramblers for Easter. Not thirty plants out of 100 lifted from the ground, but 100 good plants for every hundred you started last spring. I merely mention this now because the difference in the two methods is evident today.

Don't force any of the roses at present. Let them come along slowly at a night temperature of 45 to 50 degrees. When they are out in the leaf they endure a higher temperature much better if necessary. Last year we found 55 degrees at night finished off the Ramblers in good style, but they will stand higher than that if you must hurry them the last three weeks.

Asters.

Asters have of late become very important flowers with the retail florist and our customers are glad to buy them because they are a change. In early February some seed of the early kinds can be sown and will well repay the labor given them. There is sometimes a violet bench in which they can be planted out for the few weeks before putting them into the open ground, or if that is not available they will pay to give them a 2-inch pot. I cannot give you any advice about varieties. I would only say, don't hesitate to pay a good price for the best strain you can get. I would just mention here that although it is yet very early to sow Semple's strain of asters, you should never sow these asters late. They are very late with us and if planted too late they are caught by the frost in many localities.

Mignonette.

Mignonette that is growing in pots intended for Easter should have the fullest possible light and on all possible occasions the fullest ventilation. A night temperature of 40 degrees is enough. The object is to get them short and bushy. Last year we had them in 7 and 8-inch pots and they were 18 to 20 inches in diameter. This we found was larger than desirable. This year we have them in 5-inch pots and can afford to sell them for 75 cents to a dollar.

Moderate Priced Plants for Easter.

I have often had occasion to remark that at Easter we need a plant for the moderate sized purse. We never found this more to be the case than last year. We have lilies and azaleas and Rambler roses and other plants that cost from a dollar up, and we also have. I am aware, the hyacinth for 25 cents; but the little boy or girl wants something more lasting than the hyacinth, and a great number of 25 or 30-cent plants could be sold if we had them.

I don't know anything that will fill the bill better than the zonal geranium. A few hundred plants of some of the good double varieties (none better than S. A. Nutt) that were propagated in the fall can be selected, and if they are now in 3-inch, put them into 4 or 4½-inch pots; with the center just pinched out they will soon break, and if kept in a light, warm house will be very attractive plants by the middle of April and should have two or three trusses of flowers.

The flowering of a geranium greatly depends on the soil. They don't want a rich soil such as you would give fuchsias or begonias. It may be somewhat rich, but should be rather heavy and by all means firmly potted. Give the plants a light, warm house, say 55 degrees at night, and you will soon have them in bloom, and there is something about a geranium that the "common" people never tire of because they know its utility. Wm. Scott.

ROSE NOTES.

Feeding.

Of the various fertilizers none is better and safer than cow manure, either in the natural state or in liquid form. It should be well decomposed and turned over once before being used as a mulch. Roses that have been planted in a naturally rich soil to which a quarter or a fifth of manure has been added will not of course require as much feeding as those planted in a poorer soil. It is impossible to tell anyone exactly how or when to use a stimulant without first seeing the plants and examining the soil.

A mulching or manure watering at an improper time or in an improper way will result in great harm. Never mulch or feed when the plants are off crop. At that time you will want your benches somewhat on the dry side. The mulching will necessarily have to be followed by a heavy watering, and as the plants are not then in condition to take it up the soil will stay wet too long and thus seriously check the root action.

Watering with weak liquid manure is sometimes very beneficial when the roses commence to break again. A mulch can safely be applied when the roses are in full growth. It should never be more than one inch thick; less than that is better than more. After a mulch has been put on the watering must be done more carefully than before as the mulch holds the moisture for a long time. The mulch should be stirred over several times during the first two or three weeks in order to allow the air to penetrate to the soil.

Before mulching or applying liquid manure have the beds somewhat on the dry side though by no means real dry. Make it a point to give a thorough watering after mulching, and give a good general watering when applying liquid manure.

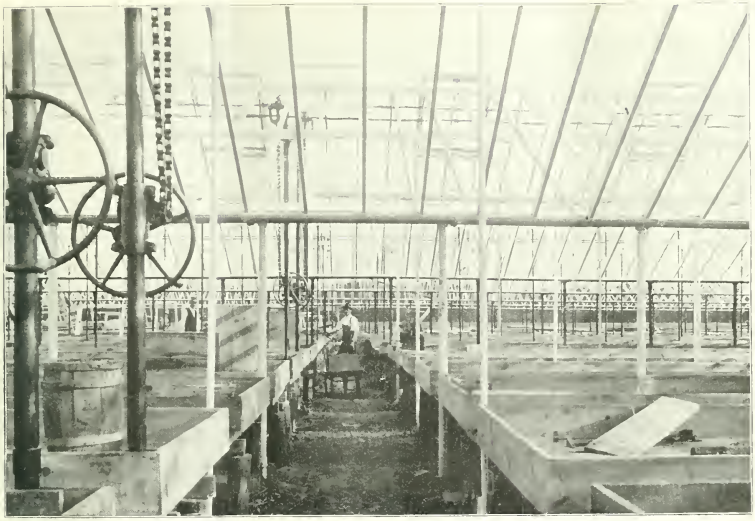
Liquid manure can be used freely from now on—say every ten days or two weeks. It is of course not necessary to use it the first few weeks after mulching. If the roses were in crop about Christmas time, as they should have been, they will by this time be in full growth and ready for a good mulching.

M. Stauch.

STICKY ROSE LEAVES.

I send you a few leaves taken from our Meteor rose plants. I cannot account for the sticky substance on them. Will you inform me as to the nature of this and why it is there. I have never noticed it before. M. A.

The sticky substance on the leaves comes from the presence of greenfly, which emit this sweet secretion. Besides being very sticky and objectionable



The Garland Iron Gutter and Iron Post Construction in the Houses of A. H. Poehlmann, Morton Grove, Ill.
From a Photograph taken last summer during construction.

in itself, it is also a resting place for soot and dust. Your correspondent must have neglected fumigating for a long time. I would advise him to get rid of the greenfly as quicky as possible and to always syringe hard. It will take some time to get his roses fairly clean again.

M. STAUCH.

IRON GUTTERS AND POSTS.

The accompanying engraving is from a photograph taken last summer during the construction of the new range of glass of Mr. A. H. Poehlmann, Morton Grove, Ill. The range was designed and erected by Mr. Geo. M. Garland, and the Garland iron gutter and iron post construction was used throughout. There are six houses, each 26 ft. 8 in. by 200 ft., and the picture shows the progress made up to six weeks after setting the first post.

The posts are 2-inch wrought iron pipe and are set in cement. The holes were bored 2½ feet deep with 6-inch post hole auger, a hard brick placed in the bottom, the post set and the hole filled with a cement composed of one part Portland cement to three parts torpedo sand. The cement was rounded up around the post above the ground so as to prevent water from standing around the pipe. The posts are 5 feet apart and 6 feet high.

The houses run east and west and the sashbars on the south side are 14 feet long, while those on the north side are 16 feet long. On the south side the purlin is 6 ft. 8 in. from the gutter (at further side of first walk) and on the north side the purlin is a trifle farther from the gutter. The purlin supports are 1-inch pipe. There are no supports under the ridge, but at frequent intervals a No. 6 wire is stretched from gutter to gutter over the tops of the two purlins. This wire passes through the drip groove of each gutter and there is a nut on each end which makes it possible to stretch the wire as required and to keep it taut. This not only insures holding the sides of the house firmly in position, but prevents any possibility of the purlins lifting.

Each house contains four benches each 5 ft. wide and four walks each 20 in. wide. A wider walk crosses the middle of the range. There are no dividing partitions and it is practically one large house.

The lightness and strength of the iron gutter and iron post construction is well shown in the picture and the engraving will undoubtedly prove interesting to all.

PHILADELPHIA.

The Market.

"Uneasy lies the head that wears a crown." So, too, the head that is responsible for the welfare of a range of greenhouses just now. Winter is here. The storm king came with a rush last week that sent the mercury zero-ward and kept the fires red hot.

Early in the week it became evident that most of the big growers were completely off crop. The small growers as units scarcely count in midwinter. It is only when they combine that they become a factor in the market. So the wholesale commission men had a chance and prices advanced. Business improved in the stores and by the end of the week when the cold wave came there was a regular rush to get stock. Roses of the choice grades were scarce. A great many Beauties were used in decorating for a large ball on the 18th. Liberty, Meteor and Bridesmaids were in brisk demand.

Bulbous stock is becoming more plentiful. Tulips have arrived: scarlet Due Von Thol, La Reine and Yellow Prince are the varieties. The Dues bring $3 a 100, the others $4 a 100. Freesia has fallen in price; the Jerseymen do not appear to have much sand; $1.50, $2, $2.50 and $4 a 100 are the figures.

Various Items.

The Farmers' Institute meeting held in Horticultural Hall on Tuesday afternoon and evening was very interesting. The attendance was excellent, the speakers from a distance giving it as their opinion that Philadelphia gatherings of this kind were more appreciative than those held in other cities, most of those present here being attracted by a desire to learn and not, as in other cities, by curiositiy.

The most interesting talk from a florist's standpoint was that delivered by Edwin Lonsdale on house plants and their care. Mr. Lonsdale gave his own experience with plants in the house and advised retail florists to make experiments for themselves in order to advise their customers intelligently on what plants are suitable for this purpose.

Illness prevented John G. Gardner from telling how the lawnmower is the worst enemy of the lawn. It is understood that his idea is that lawnmowers are often set two low, especially early in the season, and that in this way much harm is done.

I am informed that the views stated

in this column in reference to the Christmas trade in Philadelphia have been criticised by the plantsmen, who think that it was not a cut flower Christmas and that the views expressed were simply a reflection of those expressed by the commission men and by those retailers who consider plants too bulky to be profitably handled at such a busy time.

This is a mistake. The views expressed by the writer were formed and written before the commission men's opinions were received. In fact these expressions of opinion were requested because it was believed to have been a cut flower Christmas despite the great efforts made by the plantsmen.

In order, however, to be perfectly fair the Review has requested six of the leading plant growers who supply this market with foliage and flowering plants to give their views on Christmas trade. All answers received will appear in this column next week. Phil.

BOSTON.

Trade Conditions.

The condition here is volcanic. There is surely a good, strong, steady current to the stream of trade, but particularly in those goods that are applicable to funeral work. This of course suggests the thought that this unseasonable weather is producing much fatal sickness. Violets, however, are coming in such quantities that prices upon them remain low, 50 or 60 cents per 100 being about the limit on an ordinary lot, the best ranging from 75 cents to $1. Light colored pinks bring good prices, but darker kinds do not move so readily.

This unseasonable weather is also somewhat accountable for shortness in crops, roses especially being in that condition. But can it be responsible for it all? Shall we not have to go away back into those warm days of autumn to find the main root of the difficulty? They did strain the producing capacities of the plants fearfully, you know, and brought out blooms that in the nature of things were not due until about now perhaps, even if this does seem a little late to expect the evil results. However this may be, the Boston market has not been so shy on small roses for a long time. A salesman with several boxes full of them could remember both his friends and his enemies immediately to his taste. It is not of much use to quote prices on them just now; they depend entirely upon the degree of antagonism between the contracting parties! Carnations bring just a fair figure, a very few fancies going as high as 8 cents. The boundary on the other end of the line is 1 cent.

Bulbous goods are coming freely and going freely at low prices. There is a scarcity of green material, like hardy ferns, asparagus, adiantum and smilax.

Various Items.

Has the Belgian hare craze struck our art? Henry McGrady pleads guilty to the ownership of a $30 pair of old ones and a litter of nine small ones. Severe measures should be taken immediately.

Are the floral clubs of Boston in the proper shape to start a new century? Should there not be another one established on more social lines, and should it not receive such favor that membership enough and interest enough can be maintained to hold meetings oftener than once per year, or even four times per year? What are the criticisms against one with headquarters at the Co-operative market with open doors as much of the time as can be utilized. There is a flutter of a movement in that direction, too. And I overheard a couple of members of the "Old Guard" discussing the affairs of the Massachusetts Hort. Society. It seems that at the last election of officers a member voted for the new president largely as a complimentary expression, taking it as granted that the former incumbent would be re-elected. Too many, however, voted that kind of a ticket and the new administration in order to propitiate the old order of things gave its representatives honorable positions on a committee to frame a new constitution and by-laws for the society. A storm breaks when this committee reports a constitution which others claim is calculated to carry too much authority back into the hands of the former magnates. A member who is "Bright" on argument and repartee, openly worded this thought in sentences as long as a string of Asparagus plumosus nanus and as prickly as a rose stem. As a result the whole thing is "laid on the table" until the October meeting when it is expected an effort will be made to get out the largest vote that the organization has ever cast. There is too much valuable property in the background for the sentries to be allowed to sleep at their posts.

Mrs. W. H. Elliott met with a distressful and perhaps dangerous accident one day recently. While taking a short cut from the E. M. Woods conservatories to the Natick station in company with Mr. Elliott and Mr. and Mrs. Alex. Montgomery she tripped and fell, striking her forehead heavily on the railroad track, rendering her unconscious and cutting a bad gash. Unfortunately she had to remain there in the snow for two long hours while Mr. Montgomery obtained a doctor. She was then taken home and has been rapidly recovering.

B. F. Washington, of North Stockton, being struck by a fire engine and unable to be around on account of a damaged knee, his place at the Park street stall has been very ably filled by his daughter.

Mr. Nicholson returns from the West with a very interesting account of the mammoth establishments visited. Three places aggregating 1,700,000 feet of glass will rather attract the attention of the ordinary New England grower.

J. S. Manter.

CHICAGO.

The Market.

Market conditions have changed but little from last week except that roses are even scarcer. There are plenty of low grade carnations and enough of high grade to go around. The best tea roses now go as high as $10 and good carnations can still be bought at $1.50 to $2.00 with fancy at $3.00 and $4.00. Sometimes ordinaries go as low as $1.00.

In carnations Gomez has lost heavily in popular favor. Last year customers bidding against each other forced the price up as high as $6.00 a hundred and now they go begging at $2.00. Evidently crimson sorts are no longer the popular fancy.

Violets also seem to have lost favor. The situation is even worse than last week and quite a lot have failed to find buyers of late.

Some good Harrisii are coming in and they go fairly well.

Trade is inclined to be spasmodic, being remarkably brisk one day and as remarkably quiet the next. It is a hard market to figure on just now. A good many funerals have helped to make white in demand.

Bulbous stock seems to grow less and less profitable every year. One grower who has cut his order for bulbs in two each year for several years finds he still has too much and is thinking of cutting it out altogether.

Still on the average business has been fairly good though it is doubtful if the season does more than equal that of last year in the aggregate.

An Excursion.

Last Friday over a hundred florists boarded the special car on the Rock Island road for the trip to the greenhouses of the Chicago Carnation Co. at Joliet. And it was a truly representative crowd, including not only quite a few from other cities but the proprietors or representatives of about every greenhouse concern in the vicinity of the city.

Mr. Jas. Hartshorne, manager of the Chicago Carnation Co., was in charge of the car and had a pleasant greeting for all. On arrival at the greenhouses the party was led in procession first through the houses devoted to seedlings and then through those planted with standard varieties. Many seedlings are on trial and an inspection of them was convincing proof that Mr. Hartshorne is doing some splendid work in crossing. There are a number that have not yet been exhibited that will surely command attention when they are. It would take a good deal of space to mention them all in detail and we must for the present be satisfied with saying that some good things will surely come forth from the many seedlings on trial. The new white, Bon Homme Richard, seemed wonderfully prolific, as did also Sunbeam, the new pale pink. The whole establishment was in first class condition and reflected the greatest credit upon those in charge.

The iron frame house 30x300, erected for the Carnation Co. by the Lord & Burnham Co. last summer, attracted much attention and we overheard several visitors say their happiness would be great could they have a range of such splendid houses.

In addition to those from Chicago and vicinity there were present on this occasion Mr. and Mrs. W. J. Vesey, Ft. Wayne, Ind.; Thos. Dale and Edw. Dale, Brampton, Ont.; E. T. Grave and Chas. Knopf, Richmond, Ind.; Mrs. C. Eickholt, Galveston, Texas; N. Zweifel, Milwaukee; E. R. Gesler, Galesburg, Ill.; W. L. Kring, Fairbury, Ill.; Geo. Souster, and B. O'Neil, Elgin, Ill.; Fred. J. King and daughter, Ottawa, Ill.; Thos. Archer, St. Joseph, Mich.; Andrew Peterson, Paxton, Ill.; Jas. Souden, A. W. Hoppock, T. Robertson and F. Overholt, Minneapolis, Minn.

Among the local people were A. McAdams, Geo. Woodward, Chas. McKellar, Anton Then, Peter Reinberg, N. Wietor, S. A. Wolcott, F. Stielow, M. Weiland, Aug. Poehlmann, Geo. and Chas. Klehm, Luke Collins, Geo. Collins, Chas. Schweigert, John Hoeft, Geo. Garland, Frank Garland, N. P. Miller, J. F. Klimmer, D. F. Hawkes, G. Swenson, Frank Cal-

vert, Edgar Sanders, C. A. Hunt, J. C. Vaughan, T. Earl, J. B. Deamud, J. S. Wilson, Walter Kreitling, Edwin Eagle, G. L. Grant, E. C. Amling, Frank Benthey, Andrew Benson and a host of others whose names we missed.

Coffee and sandwiches were served in the packing room before taking the train for home. All agreed that the time spent on this excursion had been well spent. It was the largest bunch of florists ever got together on one train in this city and there was no short count in the bunch.

Various Items.

A full report of the last meeting of the Florists' Club will be found elsewhere in this number. At the next meeting of the club, to be held Friday evening, Feb. 1, the subject of greenhouse construction will be taken up. The program includes a paper on "Iron construction of greenhouses versus wood," by W. N. Rudd, and one upon "Saving of space and other benefits of the iron gutter and iron posts," by Geo. M. Garland. The rapidly increasing use of the iron gutter and iron post construction in this vicinity and the great satisfaction expressed by those who have used it, makes this subject a peculiarly interesting one and there is sure to be a large audience to hear Mr. Garland's paper, which it is understood will present all the various points as clearly as they can be set forth.

McKellar & Winterson have been making further changes in their store, this time adding several hundred feet of deep glass cases for the storing of baskets and various supplies. Their stock of supplies is wonderfully varied and though they have a big floor space room is at a premium.

Billy Kyle, at Kennicott Bros. Co., is rejoicing over the arrival of a 10-lb boy that made his advent last Sunday. M. F. Kyle came in from Kalamazoo to see his grandson, it being the first that will be able to call him grandpa.

John Zech's little girl has recovered from the scarlet fever, but is now suffering from an attack of rheumatism, undoubtedly an after result of the fever.

Mr. C. Lawnrake Finley, of Joliet, was a recent visitor. Mr. Finley isn't raking any lawns just now but says he will have enough machines to rake all the important lawns in the country by spring.

During his stay in the city Mr. Jas. Souden became a warm admirer of the humid game of basket ball.

The bowlers play their next series of league games this Thursday evening. It is expected that the team will visit Milwaukee next Saturday evening and do up the bowlers "that made Milwaukee famous."

Among other recent visitors were Henry Smith and Eli Cross, Grand Rapids, Mich., and B. Hasselbring, Flint, Mich.

Chas. Schweigert will soon add a new house, 15x100 to his range at Niles Center.

A. F. Amling's new addition at Maywood will consist of two houses 36½x150 each.

BALTIMORE.

Trade and Personal Items.

This climate of ours is equal to anything! Within a week we have had vernal skies and balmy airs, and, by way of variety, an arctic storm, the worst of the winter, with the mercury as low on Saturday night as 8 degrees. Today (Jan. 21) it is April again with southerly winds, and by turns scudding clouds or an empyrean of spotless azure.

Trade has been unusually brisk, beginning on Monday with urgent demands for a large funeral, violets being especially in request, keeping up all through the week, and promising well for the present one. All sorts of flowers and greens have been eagerly sought, and there has been a notable shortage on good stuff, roses, especially Beauties and pinks, being noticeably lacking. Carnations have not been overabundant, but the cold of Saturday night caused the market people to abandon business and dispose of their stocks to the stores. Prospects are improving, and from now on a more regular supply may be counted on, as the sun gains in power and brightness.

The funeral alluded to above was that of a woman of fashion, with large connections and of wide society acquaintance. The decorations, which were by John Cook, were profuse and handsome, the grave being lined with greens and pink roses, a huge pall of violets covering it, and the wreaths, bunches and designs which were sent by friends numbering, according to the newspaper stories, several hundred. One reporter, in his ambition to make a sounding narrative, declared that in respect to the quantity of flowers sent it was one of the most notable funerals ever seen in this city, there being over 300 designs, "estimated by a leading florist to represent a cash value of $10,000." Of course about one-fifth of this large sum would have been nearer the mark, but unquestionably the event made an active local demand, and the influence will be widely felt to the advantage of the trade, since the example will be followed; whereas, had the some-time notice been given in the announcement of this social leader's funeral that "it is requested no flowers be sent," a similar request would have obtained in other cases.

The Florists' Exchange celebrated last Monday another year of its existence, the volume of business done considerably exceeding that of the preceding year. This is the clearing house for the producers and retailers of this location. It remains under the management of Mr. Alexander Scott, who has long been in charge, and who is painstaking, courteous and obliging, and, above all, possessed of the confidence of those who do business with the establishment. Its quarters are small, cramped, but there are some signs that before long some change will be made which will add to its efficiency and to the comfort and convenience of patrons and employes.

The liberal employment for the decorators at the Astor ball and the Vanderbilt-French wedding of Golden Gate roses promises to bring added popularity to that lovely variety. We are told by some of the storekeepers that the public is beginning to ask for this rose by name, and the demand for it, which is deserved by its merits, will be increased by the hall stamp of social approval. A vase of fine specimens of this rose may usually be seen in the window of Wm. J. Halliday, and Mr. Moss recently exhibited at the Gardeners' Club some beautiful examples of what superior culture will do for it.

One of the daily papers reports that at a meeting of the club one of the savants of the State Agricultural College delivered a lecture on "Bacteria on Plants, and their Diseases," and spoke chiefly of the "Calla Rat" and the spotted violets. Of the terms in which he spoke of this new type of rodent no mention was made.

Active preparations are being made for the reception and entertainment of the coming Carnation Convention. A committee has been raised to arrange for the banquet, and Mr. Edwin A. Seidewitz has been appointed its chairman, as well as delegated to act as toastmaster. As Mr. Seidewitz is a resident (and mayor) of Annapolis, which may be regarded as the very center almost of the oyster and terrapin industry, his experience is likely to give him peculiar fitness for the first important post, and he will doubtless prove in the second capacity not only eloquent himself but a provoker of eloquence in others.

The bogus check man recently made his advent in Baltimore. After "doing" Chas. E. Smith and John Eberhart, his career was stopped by William J. Halliday, who detained him until an officer was called by phone, and he now languishes behind bars.

Building greenhouses continues. Geo. V. Smith acquired several houses and their appurtenances from the directors of the city jail, who have gone out of the florists business, and has erected with the material several large houses on his place on the York road at Waverly. Mr. S., who for many years has had a store in the east end, has now started another at the west, on Madison avenue. Fred. C. Bauer, Govanstown, has built an additional house, 14 by 75 feet, has it already filled with callas and young pink and white Cochet roses (which become more and more popular) and is looking around for a site for the next one.

Halliday Brothers had a decoration recently where one table was adorned with Genevieve Lord carnations exclusively, and Robert H. says it was the prettiest sight in its line he ever saw. His endorsement of Lord is emphatic, and our experience leads us to endorse the endorsement of the capable and knowing President of the American Carnation Society. RIX.

ST. LOUIS.

The Market.

Trade for the past week has been rather brisk with all kinds of work plenty. There was but little stock coming in though which was unfortunate for those who had large orders to fill. The quality of the roses that are now coming in is very poor. Nearly all the local as well as shipping growers are off crop and with the exception of violets and carnations the supply is not equal to the demand.

American Beauties have been very scarce all week. The call for them, however, has not been large and the price remains about the same as reported last week. Good Brides and Bridesmaids are received in limited numbers only and not enough to go around. The best are sold as high as $6 and $8 though poorer stock could be had for $4 a 100. Meteors, Perles and other roses seem about the same. The wholesale men claim they never saw stock in roses so scarce as it is at present.

Carnations show a great improvement in quality. The shipments are quite large, more so than heretofore, and better prices are being realized. Very little inferior stock is coming in now. Prices the past week were from $2 to

$3; extra fancy, $4; and very few were sold below $2 per 100.

In bulbous stock Romans and paper whites are selling well and there is not the marked glut generally noticeable at this time of the year, $3 and $4 are the prices for first pickings. Callas are in demand at 15 cents each. Harrisii and tulips are still out of the market and none to be had. Some extra fine valley is coming in which brings $3 and $4; short-stemmed flowers, however, can be had at $2. A few sweet peas are coming in which are fine and go at $4 per 100. Violets are moving easier than they have and the glut has been relieved somewhat. Some very large orders have been filled the past week at 50 cents per 100 in 1,000 lots; hundred lots go at 60 cents.

At the wholesale houses flowers in all lines have been cleaned up the past week at good prices; carnations averaging $2 and roses about $6, with other flowers well up. Messrs. Kuehn, Ellis and Berning are well pleased with the business they have done so far this year.

Various Notes.

Dr. A. S. Halstedt, E. W. Guy and Henry Emundt, all of Belleville, Ill., were in town the past week. Mr. Guy who has been sick for some time with the grip is now well again.

Mr. Chas. Connon, of Webster Grove, Mo., who was reported sick some time ago, is up and attending to business again.

Mrs. M. M. Ayers is up and around again, having been sick since the holidays. Will Adels, her able assistant, reports plenty of work of all kinds, especially funeral work.

Riessen Floral Co., on So. Broadway, report plenty of work since the holidays, decorations and funeral work being their main orders.

Fred Foster will move from his present location at Eighth and Olive streets March 1st. Fred is now proprietor of the Garrison cafe, at 3000 Chestnut street.

Treasurer Sanders, of the show committee, wound up the affairs of the late show the past week. All prizes were paid in full and the final report will be made at the next meeting of the club.

The Eden Floral Co., with Mr. Potts as proprietor, has opened a store at Eighteenth and Olive streets. The Eden was formerly on Finney avenue.

The bowlers will now be found every Monday night rolling at the court house alleys and would like some of the oldtimers to show up again. Such men as E. Schray, Carl and Robert Beyer, Frank Fillmore and John Kunz and others would like to be seen by their friends every Monday night. As the time for the S. A. F. meet is rolling on, a good club to represent St. Louis must be selected to go to Buffalo and bring the championship back to St. Louis where it belongs.

Bowling.

Ten members of the Florists' Bowling Club rolled Monday night and only two members rolled in form. Kuehn and Ellison. Some of the older members have promised to come back and help make a strong team to represent St. Louis. The scores were as follows:

	1.	2.	3.	Total.	Av.
C. A. Kuehn	161	182	168	522	174
A. Y. Ellison	161	179	162	502	167
J. J. Beneke	125	163	157	445	149
J. W. Kunz	148	148	147	443	148
C. C. Sanders	124	138	116	378	126
F. C. Weber	99	142	114	355	118
John Young	93	120	142	355	118
F. M. Ellis	120	121	...	241	120
Theo. Miller	92	98	...	190	95

J. J. B.

WASHINGTON.

Business for the past week has been a record breaker. The chief events were some very large dinners. Funeral work of all kinds has been in great demand.

Roses have been very short for the past week and not as fine as might be. Maids and Brides are bringing 10 to 12 cents; La France, 10 to 15 cents; Perles, 8 to 10 cents; Meteors, 10 to 12 cents. Carnations, 2 cents to 3 cents; shipped ones can be had for 1½ to 2 cents. Violets are now coming in plentifully and can be had from 30 cents per 100 up. Lilies at 12 cents. The demand for plants is very good—that is for 50-cent to $1.50 sizes in blooming plants, such as primroses, azaleas and potted tulips.

J. H. Small & Sons have captnred the order for the decorations at the inaugural ball, March 4. The decorations for the occasion will surpass those of previous years.

Z. D. Blackistone has his hands full with teas and dinners for the coming week.

Gude Bros. are always on the go, funeral work and plenty of it, dinners, weddings, in fact, everything.

F. W. Bolgiano is doing a good business; last year being the best in his experience.

J. L. Loose is doing a nice, steady business. Mr. Loose says: "We have all we can do." F. H. KRAMER.

ADRIAN, MICH.—Mr. Watson Johnson, of Morenci, Mich., and at one time with the E. G. Hill Co., Richmond, Ind., has moved to this city and entered into partnership with M. J. Pierce. The firm name will be Pierce & Johnson and they will carry on a general florists business.

MINNEAPOLIS, MINN.—The Minneapolis Floral Co. (John Monson) will soon erect seven rose houses each 22x153. The material will be supplied by the John C. Moninger Co., Chicago.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—In Chicago, by young man; life experience in establishments large and small, east and west; A No. 1 grower of roses, carnations, violets, orchids, lettuce, bedding plants, palms, ferns. Address E. J. B., care Florists' Review.

WANTED—Competent and experienced maker-up and decorator. Address with reference, salary and full particulars, J. J. Habermehl & Sons, Diamond and 22nd Streets, Philadelphia, Pa.

FOR SALE—Lease of greenhouses—6,000 square feet of glass—and stock; all in good condition; within 12 miles of Chicago. Address E. B. C., care Florists' Review.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

FOR SALE—Greenhouse property, 4,000 ft. of glass well stocked with Carnations, Smilax, Lilies, Primroses, Cineraries and all kind of bedding plants in the best shape; 1 acre land, good residence, 25,000 population, in center of Wisconsin. Owner wants to go out of business on account of ill health. Address Wisconsin, care Florists' Review.

WANTED—Two good rose growers to take charge of sections. Steady positions for the right parties. Address J. F. Wilcox, Council Bluffs, Iowa.

WANTED—At once, good assistant for greenhouse work in place where general stock is grown. One with experience in outside work, sodding, etc., preferred. Steady job for right party. Address S. S., care of Florists' Review.

SITUATION WANTED—By a first class grower of roses, carnations, violets; competent to take charge; state wages and particulars in first letter. Address C. L., 305 S. Laurel Street, Richmond, Va.

SITUATION WANTED—By young man with four years' experience in cut flower and plant growing. Please state wages when writing. Address E. L., care of Florists' Review.

WANTED—Hot water boiler capable of heating 1,500 square feet of glass. I. M. Brainard, market gardener, Gouverneur, N. Y.

WANTED—Estimate on 120 boxes of double A glass, 14 x 18 or 16 x 24. J. F. Ammann, Edwardsville, Ill.

WANTED—To rent, with privilege of purchase, greenhouse plant of 5 to 4000 feet of glass; Ohio or Indiana preferred. Box 67, Montgomery, Ohio.

WANTED—Good, steady man for greenhouse work, one who is not afraid to work; steady employment the year round. H. S. Baker, Warsaw, N. Y.

FOR SALE No. 17 Hitchings boiler, used one season, 1000 ft. 4-in. pipe, all warranted good condition. Price $125, on board cars at Philadelphia. J. W. C., care Henry F. Michell, 1018 Market St., Philadelphia, Pa.

FOR SALE. Greenhouse plant of 6 houses in Jersey City, well stocked and in full operation. Address JOHN MORRELL, 82 Madison Av., Jersey City, N. J.

FOR SALE.

4 ft. by 12 ft. horizontal steam or hot water tubular boiler; has 34 3-inch nearly new tubes, 12-inch Ericsson hot air pump, 1½-inch discharge. 10 h. p. Harrison steam boiler, 2,200 feet 4 inch cast iron pipe (9c per ft.), elbows, tees, etc.

C. & G. L. PENNOCK, Lansdowne, Pa.

For Sale.

An interest in one of the largest and most widely known Floral Establishments can be purchased by a live man with greenhouse experience. Located in a city of over 200,000 inhabitants, in a Middle State. Catalogue, cut-flower and plant trade established. For the right man no better opening could be desired.

For particulars address **K. N.,** Care of Florists' Review, Chicago, Ill.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and payiog business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Primroses. In bud and bloom, large flowered, every color. We will sell for two weeks only as we need the room. 4-inch, 20 for $1.00. Write quick. **WHITTON & SONS, Wholesale Florists, City and Green Sts., UTICA, N. Y.**

Mention The Review when you write.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer. HITCHINGS & CO., 233 Mercer St., New York.

DREER'S RELIABLE FLOWER SEEDS.

The following is a short list of articles which should be sown early.

DREER'S SUPERB DOUBLE FRINGED PETUNIA.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, a fine dark blue sort	25c	$1.00
" Cope's Pet, the dwarfest blue	15c	.75
Aster, Queen of the Market, white, pink or purple	25c	.75
" finest mixed	15c	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb	20	.10
Carnation, Marguerite, finest mixed	20	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
" gymnocarpa	15c	.40
Cobæa scandens, purple	10	.30
Cyclamen per, giganteum, finest mixed, per 100 seeds, 60c, per 1000 seeds, $5.00		
	Trade Pkt.	Oz.
Dracæna indivisa	10c	.30
Grevillea robusta	15c	.40
Heliotrope, Lemoine's Giant	10c	2.60
Lantana hybrida, mixed	10c	.20
Lobelia, Crystal Palace compacta, true	30c	1.50
" gracilis, light blue, trailing	15c	.40
" speciosa, dark	20c	.60
Mignonette, Allen's Defiance, very large spikes	15c	.50
" Machet, true select stock	15c	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c, per 1000 seeds, $1.50		
	Trade Pkt.	Oz.
Petunia, Dreer's Superb Fringed, single	50c	
Phlox Drummondii grandiflora, finest mixed	15c	.50
" " nana compacta, finest mixed	30c	1.50
Pyrethrum aureum [Golden Feather]	10c	.30
Salvia splendens [Scarlet Sage]	30c	1.50
" " compacta erecta, "Bonfire"	50c	2.50
Smilax, per lb., $3.50	15c	.35
Stocks, large flowering, 10-week, separate colors	40c	2.25
" finest mixed	40	2.00
Thunbergia, finest mixed	10c	.30
Torenia, Fournieri	30c	
Verbena, Mammoth, white, scarlet, pink, purple, striped	30c	1.50
" finest mixed	25c	1.00
Vinca rosea, rosea alba, alba pura	20c	.60
" finest mixed	15c	.50

Our Wholesale Price List for 1901 has been sent to all Florists, if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

BUCKLEY'S Wholesale ...Prices

GERANIUMS, Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Athlete, La Favorite, White Swan, Mrs. J. M. Gaar, Mme. Jaulin, Frances Perkins and other varieties, strong 2½-inch plants, $2.50 per 100; $22.50 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2¼-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $5.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¾-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 90c per doz.; $5.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¾ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¾-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

MARGUERITES, New California Giant White and New Golden, strong R. C., $1.00 per 100.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

GERANIUMS, Fine large plants; S. A. Nutt, Grant, Red Bruant, La Favorite and Pink, 2¼-in., ready for shifting, $2.00 per 100.

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LOOK on page 233, Florists' Review, Issue of January 17, 1901.

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Alternantheras, yellow,	$1.75; red, $2.00
Geraniums, my selection	3.00
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Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100, $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Geraniums, 2¼-in., all named, $2.50 per 100; $20.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
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LINCOLN, NEB.

Meeting of Nebraska Hort. Society.

Lincoln has had its full quota of meetings this week, there being the annual meetings of the Horticultural Society, Agricultural Society, State Forestry Association, Poultry and Pet Stock, Swine Breeders and several others.

The Horticultural Society had a very pleasant and profitable meeting. There was a good show of fruits and flowers, though no premiums were offered. At the election of officers the following were chosen for the ensuing year: Geo. A. Marshal, president; L. M. Russell, first vice-president; G. S. Christy, second vice-president; Peter Younger, treasurer; Clyde Barnard, secretary; Louis Henderson, E. F. Stephens and W. J. Hesser, board of directors.

Messrs. Henderson and Hesser represent the floral wing of the society. The election again testifies to the worth in which they are held by this society. Mr. Henderson having served several years as director and Mr. Hesser as both vice-president and director. These gentlemen will see that the florists fare well at the hands of the society.

Many interesting papers were read, among which were the following: W. J. Hesser, Plattsmouth, "Culture of Palms and Ferns"; Lewis Henderson, Omaha, "Plants for Winter Blooming"; J. H. Hadkinson, Omaha, "Tidbits in Horticulture and Floriculture"; Paul B. Floth, Omaha, "Proper Soil for Floriculture"; L. C. Chapin, Lincoln, "Vines and Creepers." These papers were prepared largely as aids to amateur culture.

We also had with us F. W. Taylor, who has been a member of our society for years, serving several years as president and secretary, and who was superintendent of horticulture at the Trans-Mississippi Exposition, and is now at Buffalo. In fact we lacked only J. Austin Shaw to transfer ourselves back to Omaha, as we had Peter Younger, of Geneva, Geo. Marshall, of Arlington, and Henry Augustine, of Normal, Ill., all of Trans-Mississippi fame.

Prof. Taylor told of what is being done at Buffalo in horticulture and floriculture, and from what he said of the work being done there and knowing the effort he has put forth all his life to advance these interests, we shall expect great results from the Pan-American as an educator of the people, and when the florists of Nebraska go down to do battle upon the alleys (rented by Scott by the year) we shall expect to come home loaded down, not only with trophies in shape of cups, badges and diamonds, but with a better idea of the importance of our profession as regards horticulture and floriculture.

The society passed resolutions asking the legislature (now in session) to make a liberal appropriation for an exhibit of horticulture, agriculture and forestry at the Pan-American.

Among the visitors from other states were Silas Wilson, of Atlantic, Iowa, and Henry Augustine, of Illinois. Both of these gentlemen took part in the sessions and stayed through the entire meeting, which was held on January 15, 16 and 17.

L. C. Chapin.

Oshkosh, Wis.—The annual meeting of the Wisconsin State Horticultural Society was held in this city Jan. 15 and 16.

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Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

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Home Grown, Fine Clean Stock; Grown Cool.

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VERBENA GRANDIFLORA. The finest large flowering varieties grown. Mixed, 100 seeds 50 cents.

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Best Brides and Maids	$8.00 to $10.00	per 100	
Good " "	5.00 to 7.00	"	
Perles	5.00 to 6.00	"	
Meteors	6.00 to 10.00	"	
Roses, our selection	4.00 to 5.00	"	
American Beauties			
Long	5.00 to 7.00	per doz.	
Medium	3.00 to 5.00	"	
Short	1.25 to 2.00	"	

Carnations, fancy	$3.00 to $4.00	per 100	
" fine	1.50 to 2.00	"	
" our selection	1.25	"	
Smilax	1.50 to 2.00	per doz.	
Ferns, Adiantum	1.00 to 1.25	per 100	
" Common	1.50	per 1000	
Galax Leaves	1.50		
Lily of the Valley	4.00 to 5.00	per 100	
Roman Hyacinths	3.00 to 3.50	"	
Violets	.75 to 1.25	"	
Paper White	2.00 to 3.00	"	
Asparagus	60c	per string	
Leucothoe Sprays	75c	per 100	

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HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants..... 6-inch pot.....24 to 28 inches.....$12.00 per doz.; $100.00 per 100
3 " .....8 " .....36 inches, fine..... 3.00 each.

COCOS WEDDELIANA.

1 plant, 3-inch pot, 12 inches high..... $ 25.00 per 100
3 " 5 " 18 " .....$1.00 each, 100.00 "

KENTIA BELMOREANA.

4-inch pot.....5 to 6 leaves.....15 inches high.....$ 4.50 per doz.; $ 35.00 per 100
6 " .....6 " .....24 " ..... 15.00 " 125.00 "
8 " .....6 to 7 " .....30 to 32 inches high..... 3.00 each

KENTIA FORSTERIANA.

4-inch pot.....4 to 5 leaves.....15 inches high.....$4.50 per doz.; $35.00 per 100
6 " .....5 " .....24 to 28 inches..... 1.00 each, 12.00 per doz.
6 " .....5 to 6 " .....30 " ..... 1.25 " 15.00 "
8 " .....6 " .....36 to 40 " ..... 3.00 " 36.00 "

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Wholesale Florists,

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TOMATO PLANTS.

Beauty, in 3-inch pots	$2.00	per 100.
Lorillard, in 2-inch pots	2.00	"
Lorillard, transplanted plants	.50	"

Cabbage Plants, Jersey Wakefield, ready March 1st. Write for prices on large orders.
Smilax from flats sold out for the present.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

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SAMUEL S. PENNOCK. Wholesale Florist

{ Commencing October 1st, 1900, will } { be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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OMAHA.

Various Items.

The Omaha florists are always busy, although they have not been tooting their horns to a great extent. Trade has been brisk with a few intervals of lull. Stock is getting to be more plentiful (as there has been plenty of sunshine) and is selling at fair prices.

Hess & Swoboda are bringing in a fine stock of flowers, including a fine variety of tulips and lilies.

L. Henderson has some of the finest azaleas and rhododendrons in town.

Paul Floth is an expert in growing carnations and callas to judge by the quality and quantity he brings in.

Henry Peterson, of Florence, has a fine stock of violets.

S. B. Faulkner is getting to be quite a bowler. He really thinks that if the Omaha team should get to Buffalo the other teams would not be in it.

The annual meeting of the Nebraska State Horticultural Society was held at Lincoln, Jan. 15, 16 and 17. There was a large attendance and an interesting program consisting of reports from various districts and experiment stations. We are greatly indebted to the Illinois and Iowa State Horticultural Societies for the valuable assistance received through their delegates, Capt. Augustine, of Normal, Ill., and Silas Wilson, of Atlantic, Iowa; also to our friends, F. W. Taylor, J. N. Adams and Simon Fleishmann, of Buffalo, for their presence and for their cordial invitation to come to Buffalo with a state exhibit.

A committee was appointed to introduce a bill in the senate for an appropriation of $25,000 to cover the expense of a horticultural and agricultural exhibit from Nebraska at Buffalo.

L. H.

CHRISTMAS PRICES.

A daily paper tells an amusing story of a young man who ordered two dozen of the finest American Beauties to be sent to his sweetheart as a Christmas present. He thought they would not be more than 25 cents each, and when he was told the bill would be $48.00 he went off in high dudgeon and bought his Angelina a muff, finding fur less costly than flowers.

Of course, this may be used as an argument against high prices at Christmas, but a man who expects to get the finest American Beauties at 25 cents each at any time during the season is not a very promising subject for the florist.

Minneapolis, Minn.—Wm. Donaldson & Co., the general merchandise firm, is preparing to add 30,000 feet of glass to their plant this spring. The glass has been already purchased and representatives of the firm recently visited Chicago to get figures on the other material.

Summit, N. J.—Wm. Henshaw will build three houses, 20x145 feet each.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

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DOUBLE PETUNIA.

...Dreer's... Double Petunias

For many years the Double Petunia has been one of the specialties of our establishment, and again this season we have grown many thousands of seedlings from which our collection has been selected, embracing only such distinct fringed varieties and colors that are especially suited to the retail trade.

We offer strong 3-inch pot Stock Plants that will in a short time furnish a liberal quantity of cuttings in 15 distinct varieties, **$1.00 per Dozen, $8 per 100. Set of 15 varieties for $1.25.**

PETUNIA SEED.

Superb Double Fringed, 500 seeds, 75c; 1000 seeds, $1.50.

Superb Single Fringed, trade packet, 50c; ½ ounce, $2.50.

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NOTICE! TO WHOM IT MAY CONCERN. Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $95.00 per 1000; $7.00 per 100. " for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Harmosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small **Lilacs** in all varieties, **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given by F. W. O. SCHMITZ, Jersey City, N. J.

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	READY TO SHIP	
	Per 100	Per 1000
Mrs. Thos. Lawson, pink	$6.00	$58.00
Genevieve Lord, light pink	4 00	38.00
Ethel Crocker, light pink	3.50	30.00
Morning Glory, shell pink	3.00	25.00
Mrs. F. Joost, pink	1.50	12.50
Argyle, dark pink	1.50	12.50
Daybreak	1.50	12.00
William Scott	1.00	8.00
G. H. Crane, scarlet	2.50	20.00
Chicago, scarlet	3.00	25.00
America, scarlet	2.50	20.00
Peru, white	3.00	25.00
Melba, light pink	1.50	12.50
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	1.75	13.00
Olympia, variegated	5.00	40.00
Mrs. G. Bradt, variegated	3.00	25.00
Armazindy, variegated	1.00	8.00
White Cloud	1.50	12.50
Flora Hill	1.50	12.00
Mary Wood	2.00	18.00
Gold Nugget, yellow	3.00	25.00

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THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

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Petunias, double fringed 2-in., **$2.00** per 100. Also Rooted Cuttings of above at **1.00** "

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We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
MAROON.		
Gen. Maceo	2.00	15.00

RED.	Per 100	Per 1000
G. H. Crane	$3.00	$25.00
America	3.00	25.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

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STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

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Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
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WE SOLICIT A TRIAL ORDER....

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

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ROOTED CARNATION CUTTINGS.

	100	1000
Mrs. T. W. Lawson	$ 6.00	$ 50.00
Marquis	4.00	35.00
Genevieve Lord	5.00	40.00
Dorothy, Irene	10.00	75.00
Prosperity (1900)	16.00	150.00
Roosevelt	12.00	100.00
Ethel Crocker	4.00	35.00
G. H. Crane	3.00	25.00
Mrs. Geo. M. Bradt	2.50	20.00
Queen Louise	10.00	75.00

	100	1000
Mrs. Frances Joost	$1.50	$12.50
Evanston	1.50	12.50
White Cloud	1.50	12.50
Flora Hill	1.50	12.50
Gov. Griggs	1.50	12.50
Triumph	1.50	12.50
Melba, Daybreak	1.50	12.50
Mary Wood	2.00	15.00
Gold Nugget	3.00	25.00
America	3.00	25.00
Melowan, Evelina	1.00	8.00

ROOTED ROSE CUTTINGS.

	100	1000
Am. Beauty (Ready later. Write for prices.		
Liberty		
Bridesmaid	$1.50	$12.50
Golden Gate	2.50	20.00
Kaiserin, Perle	1.50	12.50
La France	1.50	12.50
Meteor, Bride	100 $1.50	1000 $12.50

Florists ordering of us can rest assured of obtaining first-class stock, as we vouch for every cutting sent out.

WHOLESALE FLORISTS

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred $90.00 per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

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ROOTED CUTTINGS OF ROSES,

Brides, Maids, Perles, Meteors, Pres. Carnot, American Beauties, Woottons, Golden Gate, etc. Perles in 2-inch pots, ready for a shift. A bargain.

Coleus. Best bedding varieties. Rooted Cuttings. Write

GEO. A. KUHL, - PEKIN, ILL.

BOSTON FERNS.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. No other Carnation can stand such a test.

Rooted Cuttings READY February 15th. Price $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

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Climbing Roses.

TWO GRANDEST:

Climbing Kaiserin, white, $10.00 to $15.00 per hundred.

Climbing Wootton, red, $10.00..... per hundred.

Field grown, own roots, 2 to 3 feet.

Plenty of other sorts, bush and climbers, hardy and tender

THE HOWLAND NURSERY CO., LOS ANGELES, CAL.

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LETTUCE. Big Boston and Boston Market, and other varieties, 15c per 100, $1.00 per 1000; $3.50 per 10,000. If by mail add 10c per 100.

CABBAGE. Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 30c per 100.

TOMATO. Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other Vegetable Plants, also Flower Plants. Send for list.

E. VINCENT, Jr. & SON, WHITE MARSH, MD.

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THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant $0 50	50 Plants $10 00	500 Plants ..... $ 70 00
12 Plants 5 00	100 " 16 00	750 " 101 25
25 " 8 25	250 " 37 50	1000 " 130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., - Flatbush, N. Y.

Mention The Review when you write.

PROVIDENCE, R. I.

The R. I. Horticultural Society held their 56th annual meeting last week in Tillinghast's Hall. About 30 members attended.

Vice President J. E. C. Farnham presided. The meeting was mostly of reports. Prof. F. W. Carr, of Kingston, was elected to membership. The necrology was read; the names being those of Samuel Wall, Charles H. Smith, William H. Haskell, Edward M. Bannister, Eleazer Waldron, Joel Spencer and Olney Arnold.

It was voted that hereafter the secretary receive $100 a year for services, and the treasurer 10 per cent of all he collected.

The election of officers resulted in:

President, J. E. C. Farnham; vice presidents, R. H. I. Goddard, Royal C. Taft, Joseph D. Fitts; secretary and treasurer, Charles W. Smith; librarian, Christopher R. Browne; botanist, Prof. W. Whitman Bailey; board of trustees, Silas H. Manchester, chairman; Marcus M. Burdick, Farquhar Macrae, N. D. Pierce, Jr., Fred P. Hunt, Wm. Hill; finance committee, John G. Massie, Charles E. Godfrey, N. B. Whittaker; audit committee, Edward I. Nickerson, Henry F. Manchester, G. H. Hogan; committee, Daniel A. Cook, Jacob Swarts; lecture committee, L. W. Russell, C. W. Smith.

A collation of oranges, raisins, and a platter of paper shelled almonds was served, and the treasury's standing was read as $9.81.

DREER'S CATALOGUE.

The 1901 catalogue of H. A. Dreer, Philadelphia, has reached us. It contains 200 pages and is even more comprehensive than heretofore. This catalogue is one of those that is always preserved for the intrinsic value of its contents and we have placed it in our collection of those that we reserve for reference. It should be in the possession of every one in the trade and if you have not received a copy you should send for one.

We are gratified to note that in this catalogue too the half tone engravings are becoming more numerous. All the novelties are illustrated by half-tones from photographs except in a few cases where wash drawings have been used and these are so designated. It requires a better quality of paper to make the half-tones show up well, but they are a vast sight more satisfying as well as insuring absolute accuracy.

Always Mention the....
Florists' Review
When Writing Advertisers.

167,000 ROOTED CARNATIONS READY TO SHIP

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeKoo Mitting, white tinged pink, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 1901	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Frolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Avondale (Hill) 1901		4.00	30.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00

	Per 100
Mrs. Thos W. Lawson, cerise pink	$5.50
Olympia, variegated	4.00
Mrs. Bartlett, scarlet	3.00

	Per 100
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.00
Chicago, scarlet	2.50
America, scarlet	2.00
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

We Root 10,000 Carnations a Week.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3½-in	$5.00
True Boston Fern, 3½-in	5.00
True Boston Fern, extra strong, 2½-in	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2½-in	1.50
10,000 Cigar plants, 2½-in	1.50

	Per 100
10,000 M. Louise Violets, 2½-in	$1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss, for baskets, 2½-in	1.50
5,000 Choice Mixed Geraniums, 2½-in	1.50
5,000 Jerusalem Cherries, 2½-in	1.50
1,000 Vinca variegatum, 2½-in	1.50

25 Plants at 100 rate. Cash or C. O. D.

Hygrometer, or Moisture Gauge.

For description write or see back numbers of the Florists' Review.

THEY ARE GOING FAST.

Greenhouse men, Cut-Flower men — for their ice boxes.
Doctors — for their patients' rooms.
Cemeteries — for vaults.
For cellars and for dwelling houses.

They go to Canada and all over the United States.

$2.50 each. EVERYBODY IS WELL PLEASED.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

CARNATIONS. Extra Fine Plants from 2½-in. pots.

	Per 100	Per 1000
Ethel Crocker	$5.00	$40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. James Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted Cuttings 15 per cent less.

CASH WITH ORDER.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

ROOTED CUTTINGS OF CARNATIONS

Ethel Crocker, Joost, Scott, McGowan, Mrs. Bradt, NOW READY

Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

MONEY MAKING.....CARNATIONS.

Eleven varieties of 1900. Sixteen older standard sorts. Send for complete price list.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

		Per doz.	Per 100	Per 1000
Sunbeam:	Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems	$1.50	$10	$75
Bon Homme Richard:	White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long.	$1.50	$10	$75
Nydia:	Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem	$1.50	$10	$75
Prolifica:	Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer	$1.50	$10	$75

First lot ready February 1, of the above four varieties.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

		Per 100	Per 1000
Mrs. Thos. W. Lawson	cerise pink	$9.00	$80.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Marceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Armazindy	variegated	1.00	8.00

Rooted Cuttings Now Ready.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

GERANIUMS from 3 and 3½-in pots, old plants 30 mixed var., from which 1000 cuttings can be cut in 30 days, $4.50 per 100; $40.00 per 1000. September Geraniums, plants from 3 and 3½-in. pots, $4.00 per 100, $35.00 per 1000. Rainroad Ivy, from pots, 50c per doz. Coleus, extra fine, from pots, $1.25 per 100.

Rooted Cuttings. Artilley plants, 50c per 100. Alternanthera, red and yellow, 50c per 100; $4.50 per 1000. Geraniums, 30 mixed var., $1.25 per 100; 25 at 100 rate; 250 at 1000 rate. Cash please.

W. L. THOMAS & SON,

Box 82. AUGUSTA, KY.

Mention The Review when you write.

Always mention the Florists' Review wher writing advertisers.

NORWAY.

The biggest commercial white carnation ever introduced. A business, money-making carnation in every sense of the word. It combines large size (3½-in. diam.), length and strength of stem, wonderfully vigorous, growth free, uninterrupted, continuous profusion of bloom. Flowers open very quickly; no waiting three or four days for them to develop. Like Genevieve Lord it blooms early and keeps it up. We unhesitatingly recommend it to every grower as the best white. If you grow Norway you will not be compelled to grow several varieties in order to keep up a succession. Its sterling worth must at once be apparent.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

READY FEBRUARY 15th.

EGYPT.

Scarlet crimson. The most really good dark carnation which can boast of first-class commercial stems (2½ to 3 feet) and a rich, spicy odor. It is regal in appearance, possesses all the attributes of a first-class commercial carnation; it is decidedly the best keeper of all dark varieties. Does not bloom as early as some varieties, but can be had in good flower by November 1st to 15th. Its rich color, about same shade as Jacque Rose, makes it a good seller. The stiff stem gives it that substantial appearance which always insures a good price. It is so distinct that every grower should have it.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

READY FEBRUARY 15th.

GENEVIEVE LORD.

The only pink carnation which can rightfully lay claim to the proud prestige of having superseded the hitherto invincible William Scott. It is not only as good as Scott was in its palmiest days, but is actually superior to that variety in every way. Certainly a large claim, but one which is fully borne out by facts. In addition to this, Genevieve Lord commands a price beyond the reach of the best Scotts which ever grew. A carnation like this is only produced once in a great while. Our stock is in extra fine shape, free from all disease. Ready now. Order at once. It is having a great second year run.

Price $5 per hundred, $40 per thousand.

The above three varieties are a great trio. There is wisdom in placing your order early.

PROSPERITY, ROOSEVELT, IRENE, QUEEN LOUISE, DOROTHY, LORNA, MERMAID and other new varieties at introducers' prices.

CHRYSANTHEMUM TIMOTHY EATON and all other good new varieties; also the best standard sorts.

Let us book your order now for future delivery.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. **THE COTTAGE GARDENS, Queens, N. Y.**

PRICES: { **ROOSEVELT, $12 per 100, $100 per 1000.**
PROSPERITY, $16 per 100, $130 per 1000.

Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, variegated, trailing, 2¼-in., $4.00; 3-in., $6.00 per 100. Rooted cuttings of same, $1.60 per 100. Abutilon Savitzi, rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

Abutilon Savitzi, rooted cuttings, 30c per doz.; $2.00 per 100. S. T. Danley, Macomb, Ill.

ACALYPHA.

Acalypha marginata, 2½-in., $3.00, 3-in. $4.00, 4-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

AGERATUM.

Ageratum Princess Pauline, R. C., 75c per 100; 2 in. pots, ready for shift, $2.50 per 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums Stella Gurney and Dwarf White, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratums, 2¼-in., $1.60 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Princess Pauline ageratum, 2½-in, $2.50 per 100. Converse Greenhouses, Webster, Mass.

Ageratums, $2.00 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Three varieties, transplanted, August struck cuttings, fine plants, 75c per 100. Rooted cuttings, 40c per 100. J. S. Bloom, Riegelsville, Pa.

Rooted cuttings of red and yellow alternantheras, strong plants from flats, $1.00 per 100; $9.00 per 1000. S. T. Danley, Macomb, Ill.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alernantheras, red and yellow, rooted cuttings, 50c per 100, $4.50 per 1,000, cash.
W. L. Thomas & Son, box 82, Augusta, Ky.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O .D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100. Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Sweet alyssum (Little Gem), strong 2½-in. pots, $1.75 per 100. Rooted cuttings, 50c per 100. J. A. Keeney, Monongahela, Pa.

Double alyssum, 2 in. pots, $2.50 per 100. Cash. Valley Greenhouse Co., Sewickley, Pa.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

ANTHEMIS.

Anthemis coronaria, fine rooted cuttings, $2 per 100, by mail
S. W. Pike, St. Charles, Ill.

ANTHERICUM.

Anthericums, 2¾-in., $4.00, 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

ASPARAGUS.

Asparagus plumosus nanus seed, new crop, now ready. If our seed is sown now it will germinate immediately, grow 100 per cent, and make fronds and plants ready for pots by March 1. Price, new crop seed, $1.00 per 100; $8.00 per 1000; 2000 for $16.00. Asparagus Sprengeri, per 100 seeds, 60c; per 1,000, $3.00; 2,000 seeds for $5.00. Clucas & Boddington Co., 342 W. 14th st., New York City.

Plumosus Nanus, 2½ inch pots	$ 5.00	per 100
3 inch pots	6.00	"
4 inch pots	12.00	"
Sprengeri, 2½ inch pots	3.00	"
3 inch pots	5.00	"
4 inch pots	8.00	"

The Storrs & Harrison Co., Painesville, O.

Asparagus Sprengeri, extra strong plants from 2½-in. pots ready for 3-in., $2.50 per 100; $20.00 per 1,000. The finest stock ever offered for this price. Jackson & Perkins Co., Newark, New York.

10,000 Asparagus Sprengeri seed, my own growing, perfectly fresh; per 100, 40c; 1000, $3.00. E. B. Beals, Wholesaler, Greenfield, Mass.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. Sprengeri, strong plants, 2½-in. $3.00, 3-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Burgevin, Portchester, N. Y.

A. plumosus nanus, 4-in., $10.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

A. Sprengeri, $2.00 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $3.00, 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

AZALEAS.

Azaleas, always in bloom, 50c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please. A. SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds. 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Begonia manicata aurea, 4-in., $1.50 per doz. A. J. Baldwin, Newark, Ohio.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

5,000 Jerusalem cherries, 2¼-in., $1.60 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BULBS.

Begonias, Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1½-in., 12, 40c; 100, $2.50; 1½ to 2-in., 12, 50c; 100, $2.75.

	12	100
Begonias, double flowering, 1st size	$0.75	$5.50
Begonias, double flowering, 2nd size	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brazilian, named sorts, fine bulbs	1.00	8.00
Mixed, choice sorts, 2d size	1.00	7.00
Cyclamen Persicum, giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed	.50	3.00
Gloxinias, separate colors	.60	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
Tuberose, ex. Pearl, 4 to 6-in., 100, 75c; 1,000, $5.
Tuberose, ex. Pearl, 3 to 4-in., 100, 50c; 1,000, $3.50.
H. H. Berger & Co., 47 Barclay st., New York.

Tuberoses.—Elegant dwarf pearl tuberose bulbs, 50,000 No. 1, 4 to 6 inches, at $3.50; 25,000 No. 2, 3 to 4½ inches, at $1.60, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
L. W. Boney, Wallace, N. C.

Tuberoses ready for delivery now. Dwarf pearl, large bulbs, $1 per 100, $7.50 per 1,000. Tall double, fine plump bulbs, $1 per 100, $8 per 1,000. W. W. Barnard & Co.,
161 Kinzie st., Chicago.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

50,000 gloxinias, 100,000 tuberoses and 60,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Caladium esculentum, 1st size, $2.00, 2nd size $1.00 per 100. Small roots or sets, 60c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Lilium auratum. Sizes 8-9 and 9-11 on hand. Prices on application. Suzuki & Iida, 11 Barclay St., New York.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CANNAS.

Fine started plants of Black Beauty, Mlle. Berrat, Heidenreich, Beaute Poitevine, Admiral Avellan, Florence Vaughan, Austria. Price on application. C. Winterich, Defiance, Ohio.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

CACTI.

Cereus flagelliformis. Large bloomers, $3.00 per doz.; small plants, 85c per doz.; $6.00 per 100; cuttings, $2.00 per 100; $15.00 per 1,000. Cash. Mrs. M. E. Patterson, Glendale, Cal.

CARNATIONS.

CARNATIONS.

We offer choice rooted cuttings, first-class in every way, at following prices:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	16.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	16.00
Peru	2.00	16.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	16.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

ROOTED CARNATION CUTTINGS.

We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

PINK.	100.	1,000.
Triumph	$ 1.50	$12.50
Wm. Scott	1.00	8.00
Painted Lady	2.50	20.00
Daybreak	1.50	10.00
Argyle	2.00	15.00
Mrs. Frances Joost	2.50	20.00
McBurney	2.50	20.00
Tidal Wave	1.50	12.50
Victor	1.50	12.50
New York	2.00	15.00
Kathleen Pantlind	5.00	40.00
Melba	3.50	30.00
Glacier	10.00	75.00
Mrs. Jas. Dean	2.00	15.00
Albertini	2.50	20.00
Mrs. C. H. Duhme	2.50	20.00
C. A. Dana	1.50	10.00
Nancy Hanks	2.00	15.50
Ethel Crocker	4.00	35.00
The Marquis	5.00	40.00
Mrs. Thos. Lawson	6.00	50.00
Genevieve Lord	5.00	40.00
Leslie Paul	5.00	45.00
Cerise Queen	2.50	25.00
Pink Beauty	5.00	40.00
WHITE.		
Flora Hill	1.50	10.00
Mary Wood	2.50	25.00
Evelina	1.00	8.00
White Cloud	2.00	15.00
John Young	2.00	15.00
Lizzie McGowan	1.50	10.00
Alaska	1.50	12.00
Storm King	2.00	15.00
Lily Dean	2.50	20.00
Snow Queen	2.50	20.00
Silver Spray	1.50	10.00
Glacier	4.00	35.00
Peru	5.00	40.00
RED.		
Evanston	2.50	20.00
Dazzle	2.50	20.00
Jubilee	2.00	15.00
Portia	1.50	10.00
Bon Ton	1.50	10.00
G. H. Crane	2.00	25.00
America	3.00	25.00
Dorothy Sweet	2.50	20.00
Uncle Walter	2.50	20.00
Emily Pearson	1.50	12.00
Cerise Queen	2.50	20.00
Red Mrs. Bradt	3.00	25.00
Morello	1.50	10.00
Firefly	1.50	12.00
Maud Adams	2.50	20.00
Chicago	3.00	25.00
YELLOW.		
Mayor Pingree	1.50	20.00
Gold Nugget	2.50	20.00
MAROON.		
Empress	2.50	20.00
Gen. Maceo	2.00	15.00
Gen. Gomez	2.00	15.00
Meteor	2.00	15.00
VARIEGATED.		
Mrs. Geo. Bradt	3.00	25.00
Armazindy	1.50	10.00
Olympia	6.00	50.00
Psyche	1.00	10.00
NEWER VARIETIES.		
Bon Hommé Richard, white	10.00	75.00
Nydia, variegated	10.00	75.00
Sunbeam, light pink	10.00	75.00
Prolifica, pink	10.00	75.00
Morning Glory, light pink	4.00	35.00

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS. Ready to ship. A. Mitting, clear, light-cream, Mrs. A. Mitting, clear pink, De Roo Mitting, white, Sunbeam, Bon Homme Richard, Nydia, Prolifica, California Gold, Queen Louise, Lorna and Mermaid, all 1901 introductions. $1.50 per doz, $10.00 per 100, $75.00 per 1,000.

	Per 100
Mrs. Thos. W. Lawson, cerise pink	$5.50
Olympia, variegated	4.00
Mrs. Bradt, scarlet	3.00
Genevieve Lord, light pink	4.00
Avondale, pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	2.00
Mrs. G. M. Bradt, variegated	3.00
G. H. Crane, scarlet	2.00
Chicago, scarlet	2.50
America, scarlet	2.50
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez, dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

All rooted cuttings subject to your approval upon arrival.

MORRIS FLORAL CO., Morris, Ill.

CARNATION ROOTED CUTTINGS.

	Per 100	Per 1,000
Mrs. Thos. W. Lawson, cerise pink	$5.00	$40.00
The Marquis	4.00	30.00
Estelle	2.00	15.00
Genevieve Lord	4.00	30.00
Ethel Crocker	3.00	25.00
Olympia	2.50	20.00
G. H. Crane	2.00	15.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	2.00	15.00
America	2.00	15.00
Chicago	2.00	15.00
Model	2.00	15.00
Elsie Ferguson	3.00	25.00
Gold Nugget	2.50	20.00
Pingree	2.00	15.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	1.50	10.00
Mary Wood	2.00	15.00
John Young	1.50	10.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Leslie Paul	3.00	25.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Nana	2.00	15.00
Argyle	2.00	15.00
Eldorado	2.00	17.00
Melba	2.00	17.00
Victor	1.50	12.50
Triumph	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Evelina	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Meteor	1.50	12.50
Armazindy	1.50	12.50
Iris Miller	1.50	12.50
Glacier	2.50	20.00
Sandusky	1.25	10.00
William Scott	1.25	10.00
Evanston	1.00	8.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice rooted cuttings, first class in every respect, true to name, $5 at 100 rates, $50 at 1,000 rates. Write for catalogue and complete list of Carnations and Roses, rooted cuttings and in pots. Do you receive our weekly price list? If not, write us; we will place your name on our mailing list.

LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

Rooted Carnation Cuttings. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	2.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.00	17.50
Chicago (Red Bradt)	2.00	25.00
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 61 Wabash Ave., CHICAGO, ILL.

Carnations. All well rooted.

	100.	1,000.
White Cloud	$ 3.00	$25.00
Flora Hill	2.00	15.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	2.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	6.00	50.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

CARNATIONS. Extra fine plants from 2½-inch pots.

	100.	1,000.
Ethel Crocker	$5.00	40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. J. Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted cuttings, 15 percent less. Cash with order. C. Akehurst & Son, White Marsh, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$5.00	$40.00
Olympia, variegated	4.00	30.00
Marquis, pink	4.00	40.00
Genevieve Lord, pink	4.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	2.00	15.00
Chicago, scarlet	2.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00

Rooted cuttings now ready.

Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot ready Feb. 1 of the above four varieties.

CHICAGO CARNATION CO., JOLIET, ILL.

CARNATIONS.

Rooted cuttings now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	6.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	2.00	25.00
America	3.00	25.00
Bradt	3.00	25.00
Pingree	2.00	25.00
Morning Glory	3.00	25.00
Glacier	2.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Joost	1.50	12.00
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade report of St. Louis Chrysanthemum Show as to quality of our stock.

W. J. & M. S. VESEY, Fort Wayne, Ind.

50,000 rooted cuttings, ready to ship. We have enlarged our plant 10,000 feet last summer and will devote our entire time to growing carnations for the trade. We do not expect to make any money this year. Our whole object is to introduce ourselves and stock to the public. To do this we will sell at an extremely low figure, with a standing guarantee that at any time our stock is not satisfactory on receiving, send it back at once at our expense, and if you had paid for same we will refund full amount.

	100.	1,000.
Thos. Lawson	$6.00	$50.00
Ethel Crocker	3.50	30.00
Marquis	4.00	35.00
G. H. Crane	2.50	20.00
Genevieve Lord	4.00	35.00
Gen. Maceo	1.50	12.50
White Cloud	1.25	10.00
Flora Hill	1.25	10.00
Liberty	1.25	10.00
Bon Ton	1.00	8.00
Daybreak	1.00	8.00
Wm. Scott	1.00	8.00

Stafford Floral Co., Stafford Springs, Conn.

NEW CARNATIONS. Now is the time to place your orders.

	100.	1,000.
Gov. Roosevelt, crimson	$12.00	$100.00
Golden Beauty, yellow	12.00	....
Novelty, fancy yellow	12.00	....
Lorna, white variegated	10.00	75.00
Mermaid, delicate pink	6.00	50.00
Prosperity, an immense fancy	16.00	120.00
Dorothy, a free pink	10.00	75.00
California Gold, yellow	10.00	75.00
Norway, white	10.00	75.00
Queen Louise, white	10.00	75.00
Sunbeam, light pink	10.00	75.00
Bon Homme Richard, white blush	10.00	75.00
Nydia, variegated white	10.00	75.00
Prolifica, cerise pink	10.00	75.00

Also Lawson, Morning Glory, Olympia, Marquis, Lord, etc. All first-class stock.

THE COTTAGE GARDENS, Queens, N. Y.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $2.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

Rooted carnation cuttings ready for immediate shipment; all fine and well-rooted stock:

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson	$ 7.00	$60.00
Sunbeam	10.00	75.00
Prolifica	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Marquis	5.00	40.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Mrs. Geo. Bradt	3.00	25.00
G. H. Crane	3.00	25.00
Chicago	3.00	20.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Mrs. F. Joost	1.50	12.00
Mrs. J. Dean	2.00	15.00
Jubilee	1.50	12.00
Flora Hill	1.50	12.00
Daybreak	1.50	12.00
Evelina	1.00	8.00
Triumph	1.50	12.00

JOSEPH LABO, Joliet, Ill.

NORWAY. The biggest commercial white carnation ever introduced. A business-making, money-making carnation in every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and a rich, spicy odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Ready Feb. 15.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond the reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $5.00 per 100; $40.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

ROOTED CARNATION CUTTINGS, ready for shipment Feb. 15.

	100.	1,000.
Genevieve Lord	$5.00	$40.00
Ethel Crocker	4.00	35.00
Gold Nugget	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. G. M. Bradt	3.00	25.00
Mrs. Frances Joost	2.00	15.00
Daybreak	2.00	15.00
Victor	2.00	15.00
Mary Wood	2.00	15.00
White Cloud	2.00	15.00
McGowen	1.00	8.00
Cardinal	1.50	12.00
Albertini	1.50	12.00
W. Scott	1.00	8.00

Orders booked and shipped in rotation.
BROWN & CANFIELD, Springfield, Ill.

ROOTED CARNATION CUTTINGS.
This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100	1,000
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	3.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
Mrs. F. Joost	1.50	10.00
New York	1.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

NEW CARNATIONS FOR 1901.
Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES. Morning Glory and Crocker $4.00 per 100, $30.00 per 1000; Lawson $7.00 per 100, $60.00 per 1000; G. Lord $6.00 per 100, $50.00 per 1000. Marquis, Olympia and Peru $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1000.

Ethel Crocker, $3.00 per 100. McGowen Sport, $1.50 per 100; $10.00 per 1000.
CHAS. BLACK, Hightstown, N. J.

CARNATIONS FOR PROFIT.

	100	1000
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

FLORIANA
The Best All Round Pink Carnation Ever Introduced.
Large size, fully as large as Marquis or Crocker; color, a beautiful shade of light pink. A strong grower, very fragrant, an early continuous bloomer, very productive, does finely both in winter and summer, good stem, perfect calyx that never splits, not subject to disease, good keeper. Brings fancy prices in New York market. Come and see them. Prices, $1.50 per dozen, $10 per 100, $60 per 1,000. Ready February 1. Pillow & Banks, Westport, Conn.

LIBERTY.
Bright salmon carnation. Sells for either red or pink; an early and continuous bloomer; perfectly healthy plant; stiff stems, 18 inches, never splits calyx; sells for 3 and 4 cents when Scotts bring 1½ and 2 cents. The most free-blooming carnation I ever saw; it is a pleasure to grow, pick or sell it. $1.50 per dozen, $10 per 100, $60 per 1,000. M. L. Tirrell, Randolph, Mass.

CARNATIONS.
ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$35.00
America	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $8.00 per 100; $60.00 per 1000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Ethel Crocker	$4.00	$30.00
White Cloud	2.00	15.00
Alaska (white)	1.00	7.50

GEO. HARRER, MORTON GROVE, ILL.

Rooted Cuttings.

Flora Hill	$1.50 per 100;	$12.50 per 1,000
Pingree	2.50 per 100;	
Wm. Scott	1.00 per 100;	8.00 per 1,000
McGowan	1.00 per 100;	8.00 per 1,000
Jubilee	2.00 per 100;	

J. C. Schmidt, Bristol, Pa.

Carnation rooted cuttings. Triumph, Daybreak, Flora Hill, White Cloud, Jubilee, Meteor, $1.50 per 100. Wm. Scott, McGowan, Evelina, Armazindy, $1.00 per 100. 25 per cent discount on 1,000 lots. Cash with order. Krueger Bros., Nevada and Clark sts., Toledo, Ohio.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Carnations. Rooted cuttings of Scott, Daybreak and Flora Hill, strong from sand, $10.00 per 1000; $1.25 per 100; from soil, $15.00 per 1000; $1.50 per 100. Cash with order, please. Park Green Houses, 1142 Broad Street, Providence, R. I.

Marquis, Crocker, $5.00 per 100; $40.00 per 1000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1000. Samples free. Stock guaranteed. Union Street Greenhouses Co., Geneva, N. Y.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties. A. M. HERR, Lancaster, Pa.

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Lawson, $5.00; Ethel Crocker, Genevieve Lord and Marquis, $3.50; Bradt, Crane, Maceo and Gomez, $2.50; White Cloud, Mary Wood and Flora Hill, $1.50 per 100.
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Carnations.—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
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Cinerarias, 2¼-in., $3 per 100. Greene & Underhill, Watertown, N. Y.

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Coleus. Red and yellow Verchaffeltii and 25 other best sorts. Clean; no mealy bug; 65c per 100 prepaid; $5.00 per 1,000 by express. A. B. Davie & Son, Purcellville, Va.

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Ericas, small plants in bloom or in bud ready to bloom, $1.50 per dozen, $10 per 100. Large, fine shaped Ericas in bloom, 75c and $1 each, $9 to $12 per dozen, $75 per 100. Epacris in bloom, $9 per dozen. Erica persoluta alba, Erica persoluta rosea, Erica persoluta rubra, Erica fragrans, 100 plants in these four varieties, for growing on, $10, or 100 plants in bud, $15 per 100. Cash with order, please.
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Mixed ferns for fern dishes. We have always on hand a large stock of Assorted Ferns in good varieties suitable for jardinieres and fern dishes. 2¼-in. pots, $3.50 per 100, $30.00 per 1,000; 3-in. pots, $6.00 per 100, $50.00 per 1,000.

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Pot plants. Happy Thought, Bronze, Silver Leaf, etc., 2¼-in., $4.00 per 100; Mrs. Parker, 2¼-in., $6.00 per 100; L'Elegant, 2-in., $6.00 per 100; common, named, 2¼-in., $3.50 per 100. Greene & Underhill, Watertown, N. Y.

Old plants, thirty varieties mixed, 3 and 3½ inch, $4.50 per 100, $40 per 1,000. September geranium plants, 3 and 3½ inch, $4 per 100, $35 per 1,000. Rooted cuttings of thirty mixed varieties, $1.25 per 100. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

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Twelve of the best varieties; good, strong rooted cuttings from sand, mixed, $1.00 per 100. Same from 2½-in. pots; also Swainsona alba galegifolia and Mme. Sallerol geraniums at $1.50 per 100. Paul Bruant, R. R. Gosselin, S. A. Nutt, La Favorite, 2½-in., $2.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

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6,000 of the best up-to-date bedding varieties; 15 varieties in pink, red, white and salmon. 2½-in. $2.00 per 100, $18.00 per 1,000; 3-in. $3.00 per 100, $28.00 per 1,000. All good plants and ready to ship at once. Cash please. B. F. Vandervate, Galena, Ill.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
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Geraniums. Fine large plants of S. A. Nutt, Grant, Red Bruant, La Favorite and Pink, 2¼-in., ready for shifting, $2.00 per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

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100,000 gladiolas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

50,000 gladiolus of all the best varieties, mixed, $6 per 1,000. D. L. Hollinger, florist, Barberton, Ohio.

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Hardy pinks. Field-grown clumps, 6 best sorts. A. B. Davis & Son, Purcellville, Va.

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Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, Honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price: $1.00 per 100 postpaid. Speak quick if you want them. L. Templin & Sons, Calla, Ohio.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

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An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
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Boston Ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

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Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

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Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

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Hibiscus, strong, thrifty plants ready for shift. Double pink and double red, 2½-in., $4.00 per 100. Nanz & Neuner, Louisville, Ky.

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Hydrangeas, 5 and 6-in., fine plants, budded for Easter forcing, $3.00 per doz.; $20.00 per 100. Converse Greenhouses, Webster, Mass.

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Rooted cuttings. German, $1.25; English, $1.50; Kenilworth, $1.00 per 100. Greene & Underhill, Watertown, N. Y.

Railroad Ivy, from pots, 50c per dozen. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

Hardy ivy, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

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Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, rooted cuttings, assorted, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lantanas, 10 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Lantanas. 6 finest varieties, R. C., $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

Lily of the Valley pips, largest and finest in the world, either Berlin or Hamburg, $10.00 per 1,000; case lots (3,000 in case) $9.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt st., New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

AREGA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 planta	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
3 plants	5	18	each 1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.50	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

KENTIA BELMOREANA.
2½-inch pots.........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves..........$15.00 per 100
4-inch pots, 14 to 16 inches high... 30.00 "
5-inch pots, 18 inches high......... 60.00 "
5 and 6 in. pots, 18 to 22 in. high... 75.00 "
AREGA LUTESCENS.
2½-inch pots.........$6.00 per 100; $50.00 per 1,000
KENTIA FORSTERIANA.
2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high........... 15.00 "
4-inch pots, 15 to 18 inches high..... 35.00 "
5-inch pots, 18 to 22 inches high..... 50.00 "
5 and 6 in. pots, 24 to 28 in. high.... 75.00 "
The Storrs & Harrison Co., Painesville, O.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	16-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.55	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus Veitchii. John Welsh Young, Germantown, Pa.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

PETUNIAS.

Petunias. Dreer's and Henderson's latest world beaters, and they are winners, at $1.25 per 100; $10.00 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Petunias, strong, 3-in. pot stock, 15 distinct vars, $1.00 per doz.; $8.00 per 100. Set of 15 vars for $1.25. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Double fringed Petunias, 2-inch, $2; rooted cuttings, $1 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias, rooted cuttings, mixed, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

POINSETTIAS.

1,500 stock Poinsettias, two years old, $10 per 100. Cash with order. Eugene Murray, 162 Jewett av., Jersey City, N. J.

Poinsettia stock plants, $1.25 per doz.; $10.00 per 100. Chas. W. Reimers, Statlon A, Hite Ave., Louisville, Ky.

PRIMROSES.

New hardy, giant primrose, PRIMULA VERIS SUPERBA. This is one of the good new things that occasionally turn up by chance. The plants we offer are good young plants which will give a sufficient flower this season to show its value and will grow on into fine specimen plants for next winter's forcing. Price: $1.25 per doz.; $10.00 per 100.

H. A. DREER, 714 Chestnut St., PHILADELPHIA, Pa.

5,000 1 to 2 ft. California Privet, $10 per 1,000. F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $40 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonville. Mills the Florist, Jacksonville, Fla.

Primula obconica grandiflora. Nice, large stock to 3-in. pots now in bud. Shifted now will make nice bloomlng plants for Easter. Price: $6.00 per 100.

Binley The Florist, Glens Falls, N. Y.

100 Chinese Primroses, 200 primula obconica (part rosea), first-class; all in bud or bloom, 4-inch, $8 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Primula Forbesii in bloom from 3-in., $4.00 per 100, from 4-in., $8.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Primula auricula. Extra fine strain of all the newest varieties, $12.00 per 100. C. Long, 277 Jefferson ave., Rochester, N. Y.

Primroses. All in bud and bloom; every color; 4-in., 20 for $1.00. Whitton & Sons, City and Green Sts., Eurlca, N. Y.

Baby Primroses, from soil, $2.50, 3-inch pots $4, per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Primula chinensis, 3-in., $3; 3-in., $4 per 100. Geo. M. Emmons, Newton, N. J.

Chinese, 2¼-in., $2.00 per 100. Greene & Underhill, Watertown, N. Y.

PRIVET.

California privet, 3 to 4 ft., $2.00; 2½ to 3 ft., $1.75; 2 to 2½ ft., $1.50; 20 to 24 inches, $1.25; 15 to 20 inches, $1.00 per 100. Small plants, 50c per 100. All well branched. Cuttings, 8 to 12 inches, $1.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

ROSES.

ROOTED ROSE CUTTINGS.

	100	1,000
Brides	$1.50	$12.50
Bridesmaids	1.50	12.50
Meteors	1.50	12.50
Perles	1.50	12.50
Golden Gate	1.50	12.50
Lady Brothes	1.50	12.50
Kaiserin	1.50	12.50
Maman Cochet	1.50	12.50
American Beauty	10.00	25.00

First class in every respect. 25 at 100 rate; 250 at 1,000 rate.

CAKEVIEW ROSE GARDENS, Jamestown, N. Y.

Rooted cuttings of American Beauty, 6000 as fine as you ever saw, $3.00 per 100; $25.00 per 1000. Young roses in 2-in. for early summer bloomers. Send $1.00 for sample lot of kind you want. Rooted cuttings of Wootton, Meteor, Bride, Maid, Kaiserin, Perle, Beauty, Golden Gate, La France, Siebrecht and Pres. Carnot, A No. 1 stock. Satisfaction guaranteed. Geo. A. Kuhl, Pekin, Ill.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Moselle
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.

R. H. MURPHEY & SON, Urbana, Ohio.

Roses, strong, two-year, field-grown. Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $6.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

ROOTED ROSE CUTTINGS.

	100	1000.
Golden Gate	$2.50	$20.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50

GEO. HARRER, MORTON GROVE, ILL.

Two grand climbers. Climbing Kaiserin, white, $10.00 per 100; $15.00 per 1000. Climbing Wootton, red, $10.00 per 100. Field-grown, own roots, 2 to 3 ft. Plenty of other sorts, bush and climbers, hardy and tender.

The Howland Nursey Co., Los Angeles, Cal.

Crimson Rambler. Strong field plants, with fibrous roots; just the kind for potting and forcing. Send small order for sample. 2 to 3ft., $12.00 per 100; 3½ to 5 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

Bride, Bridesmaid, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Field-grown American Beauties, 3 years old, $15 per 100; $125 per 1,000. Southern Floral Co., 922 Bryan st., Dallas, Texs.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.50 per 100.

Bassett & Washburn, Hinsdale, Ill.

New rose, Winnie Davis, 2½-in. pot plants, $5.00 per doz., $25.00 per 100.

Nanz & Neuner, Louisville, Ky.

300,000 roses. Send for price list, now ready. National Plant Co., Dayton, Ohio.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias. Rooted cuttings, per 100: Golden Spotted, $3.00; Golden Leaved, $1.00; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias, Louis and Splendens, 2½-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

SEEDS.

XXX Seeds. Verbena grandiflora, the finest large-flowering varieties grown; mixed, 1,000 seeds, 50c. Chinese primroses, large-flowering fringed; fifteen varieties; single and double mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, extra fine; the best of the mammoth-flowering varieties; mixed, 3,500 seeds, $1.00; half pkt., 50c. John F. Rupp, Shiremanstown, Pa.

DREER'S Reliable Flower Seeds. The following is a short list of leaders which should be sown early:

	Trade pkt.	Oz.
Ageratum, Blue Perfection, a fine blue sort	$ .25	$1.00
Ageratum, Cope's Pet, the dwarfest blue	.15	.35
Aster, Queen of the Market, white, pink or purple	.20	.75
Aster, Queen of the Market, finest mixed	.15	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb.	.10	
Carnation, Marguerite, finest mixed	.20	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
Centaurea, gymnocarpa, per 1000 seeds, 15c		.40
Cobaea scandens, purple	.10	.30
Cyclamen, per. giganteum, finest mixed, per 100 seeds, 60c; per 1000 seeds, $5.00.		
Dracaena indivisa	.10	.30
Grevillea robusta	.15	.40
Heliotrope, Lemoine's Giant	.40	2.00
Lantana hybrida, mixed	.10	.20
Lobelia, Crystal Palace compacta, true	.30	1.50
Lobella, gracilis, light blue, trailing	.15	.40
Lobella, speciosa dark	.20	.60
Mignonette, Allen's Defiance, very large spikes	.15	.50
Mignonette, machet, true select stock	.15	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00.		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50.		
Petunia, Dreer's Superb Fringed, single	.50	
Phlox Drummondii grandiflora, finest mixed	.15	.50
Phlox Drummondii nana compacta, finest mixed	.30	1.50
Pyrethrum aureum (Golden Feather)	.10	.30
Salvia splendens (Scarlet Sage)	.10	.35
Salvia splendens compacta erecta, "Bonfire"	.50	2.50
Smilax, per lb., $3.50	.15	.35
Stocks, large flowering, 10-week, separate colors	.40	2.25
Stocks, large flowering, finest mixed	.40	2.00
Thunbergia, finest mixed	.10	.30
Torenia Fournieri	.30	
Verbena, Mammoth, white, scarlet, pink, purple, striped	.30	1.50
Verbena, Mammoth, finest mixed	.25	1.00
Vinca rosea, rosea alba, alba pura	.20	.60
Vinca rosea, finest mixed	.15	.50

Our wholesale price list for 1901 has been sent to all florists; if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, Pa.

SEEDS FOR EARLY SOWING.

	100 seeds.	1000 seeds.
Asparagus Sprengeri	$ .75	$6.00
Asparagus plumosus nanus	1.00	9.00
Aster, Queen of the Market— White, light blue, dark blue, rose, crimson	Per pkt. 15c; oz., 75c	
Cyclamen Persicum, Grandiflorum— Per 100, $1.00; per 1000, $7.50.		
	Per pkt.	Per oz.
Dracaena Indivisa	.15	$ .75
Petunia, double large flowering, fringed	1.00	
Petunia, single large flowering, fringed	1.00	
Phlox Nana Compacta—Pireball, Snowball, Purple, Blue Striped, Chamois Rose, Defiance and fine mixed	.25	2.50
Salvia Nana Compacta, Bonfire	.25	4.50
Verbena Mammoth, mixed	.25	1.50

Stocks—Per pkt. Per oz.

Giant Perfection, white	$ .25	$5.00
Dwarf, large flowering, 6 weeks— white, blood-red, purple rose, yellow and red	.25	3.25

Sweet Peas—Per oz. Per lb.

Blanche Ferry, Blanche Ferry, extra early, Emily Henderson, Blanche Burpee, Countess of Radnor, Dark Lavender, Katharine Tracy	$ .10	$ .40
Burpee's Extra Early	.10	.65

If by mail, add 8 cents per pound for postage.

STUMPF & WALTER CO., 50 Barclay St., NEW YORK.

All Seasonable Seeds of Standard Quality at pleasing prices.

Write for "1901 Florists' Wholesale Catalog."

Plant Seed Company, St. Louis, Mo.

White Ostrich Plume aster seed, the earliest, largest and most beautiful aster ever introduced. It comes into bloom when white flowers are scarce. Trade pkt., $1.00; oz., $5.00.

J. T. Duquette, Albion, N. Y.

A. plumosus nanus, 100 seeds $1.00; 1,000 seeds $8.00. A. Sprengeri, 100 seeds 50c; 1,000 seeds $3.00. Sweet pea, 5c per oz.; 25c per lb. Smilax, 1900 crop, 30c per oz., $2.50 per lb. H. II. Berger & Co., 47 Barclay st., New York.

SEEDS—Continued.

Johnson & Stokes' Seeds are grown exclusively for the most critical market garden and florist trade, and are known in every large market of the United States as producers of vegetables and flowers which are the accepted standards of excellence. Write now for our new quarterly wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Florists' fresh flower seeds for early sowing. Preliminary florists' lists ready now. W. W. Barnard & Co., 161 Kinzie st., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1000, $9.00. B. H. Ritter, Port Royal, S. C.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

SPIRAEA.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100. Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

STEVIA.

Stevia, variegated, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VEGETABLE PLANTS.

Cauliflower,—Snowball, 35c per 100; $2.50 per 1,000. Tomato.—Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting.

Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants. Beauty, 3-in., $2.00 per 100. Lorillard, 2-in., $2.00 per 100; transplanted plants, 50c per 100. Cabbage plants, Jersey Wakefield, ready Mar. 1. Write for prices on large orders. Mrs. Griswold, Worthington, Ohio.

Lettuce.—Curled Simpson, Grand Rapids and other varieties. Cabbage—Wakefield, Succession and other varieties. Price, 15c per 100; $1.00 per 1,000. If by mail, add 10c per 100. Des Moines Plant Co., 38th St., Des Moines, Iowa.

If ripe tomatoes are wanted in April, when price is high, you should plant in January our own strain Lorillard, early, heavy, prolific. Strong 2½-in. pot plants, $2.60 a 100. Cash. Roney Bros., West Grove, Pa.

Best two tomatoes for winter forcing—Mayflower and Lorillard, true stock. Fall transplanted plants, $2.00 per 100. Cash please.
Benj. Connell, West Grove, Pa.

2,000 Mayflower tomato plants, 2½-inch pots, cash price $1.50 per 100. A. B. Campbell, Cochranville, Pa.

10,000 Grand Rapids lettuce plants $1.00 per 1,000. J. A. Keeney, Monongahela, Pa.

VERBENAS.

Our rooted cuttings of verbenas will not only please you, when you receive them, but when they bloom they will please your customers. 25 best bedding kinds, 60c per 100; $5.00 per 1,000. Express prepaid.
S. W. Pike, St. Charles, Ill.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Rooted cuttings 40 best mammoth varieties, 60c per 100; $5 per 1,000. Express prepaid. C. Humfeld, Clay Center, Kan.

Verbenas. Rooted cuttings, 25 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Lemon verbena, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VINCAS.

Vincas, variegated, rooted cuttings, $1.25 per 100; 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca vines, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

1,000 Vinca variegatum, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

VIOLETS.

Violet Runners. 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free.
Wm. Swayne, Kennett Square, Pa.

La France and Princess of Wales, $5.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

California violets, good strong plants at 50c per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

10,000 M. Louise violets, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Swanley White, 2-in., $2.00 per 100. Nanz & Neuner, Louisville, Ky.

MISCELLANEOUS.

Rooted cuttings, per 100: Achyranthes $1.00, Cuphea (cigar plant) $1.25, Impatiens Sultani $2.00, Manettia bicolor $1.50, Tradescantia tricolor $1.25. Impatiens Sultani and Manettia, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Artillery plants, rooted cuttings, 50c per 100. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

TO EXCHANGE.

To Exchange: Chrysanthemum stock plants of Bonnaffon, Weeks, Ivory, Pacific, white and yellow J. Jones, Bi. Hawk, Perrin, Niveus, Morel, Henderson, at 50c per doz.; Dracena indivisa, 4-in., at $1.50 per doz.; Cyperus graecilis, 5-in., at $1.50 per doz., for summer blooming carnations and stevia. C. Winterich, Defiance, Ohio.

250 A. Sprengeri, 2½-in., ready for 3-in., in exchange for rooted carnation cuttings or for pansy plants; rates 2c. Otto Lycas reveluta specimen plant; over 50 good leaves; 36 inches high, for sale cheap. Give me a bid. A. Schoepen, Marietta, Ohio.

Anything in our 1901 catalogue (which is now ready) for cannas, rubbers, dracaenas, Asparagus plumosus seed or kentias. Morris Floral Co., Morris, Ill.

To Exchange—Rooted cuttings of carnations (see adv.) for A. Sprengeri and A. Plumosus nanus. Krueger Bros., Nevada and Clark sts., Toledo, Ohio.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; H. Bayersdorfer Co., Phila.; The Vail Seed Co., Indianapolis, Ind. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Prepared Tropical Palms. Chemically prepared from natural Florida palms. Agents wanted in every city. Send for wholesale price list. J. A. Keeney, Monongahela, Pa.

Laurel festooning, the best, 4 to 6c per yard. All hand-made and of the best material. Dagger and fancy ferns at market prices. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

Sheep manure, bone meal, tobacco stems and dust and horn shavings. W. W. Barnard & Co., 161 Kinzie st., Chicago.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Pauli, 522 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Choice green and bronze Galax, 60c per 1,000; 2,000 for $1. All orders filled at once. H. H. Hill, Victoria, Macon Co., N. C.

Bronze galax leaves, $1.60 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, bronze and green, 75c per 1,000. Crowl Fern Co., Millington, Mass.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin F. Shoemaker, 205 to 211 No. Fourth St., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers, best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey st., New York city.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 261-263 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

For the best Plant Tubs, address Mann Bros., 8 Wabash ave., Chicago.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash ave., Chicago.

SAN FRANCISCO.

The Market.

Our Christmas trade was never better and everyone connected with the sale of cut flowers and pot plants had his hands full, the weather was splendid and helped out our sales to a large extent. The greatest demand was for violets, roses and carnations. Poinsettias sold well in the cut state, but in the pots and pans went rather slow in some cases. Harrisii were scarce. Roman hyacinths were very plentiful, but went slowly and many bunches of the Christmas cut could be seen after the holidays. Holly sold well and the usual large sales were made in wreaths of all kinds. Smilax was scarce and brought a high price. The quality of roses was fair. Carnations were first class in quality and many grand vases of Hobart, Crocker, Marquis, Lawson and Bradt could be seen in the various stores. Quite a number of orchids were disposed of and the demand seems to increase as each year passes. All classes of stock, good and bad, went at good prices both to growers and retailers. Satisfaction reigned all around as they shook hands and wished one another a merry Christmas and happy New Year.

Business since the holidays has been rather quiet, as might be expected, and stock of all kinds is not so very plentiful, a few sharp frosts of late having helped out the scarcity.

Prices: American Beauties, $2 to $5; Brides and Maids, 25 cents to $1.50; Liberty, 75 cents; Meteors, 25 cents to $1; C. Brunners, 10 to 15 cents. Carnations—Hobarts, $1; Crockers, 50 cents to 75 cents; Bradts, 35 to 50 cents; Hill, 35 to 75 cents; mixed fancy, 50 cents; Scotts, 30 to 35 cents; Portias, 25 to 35 cents. Chrysanthemums, 35 to 50 cents. Violets—Princess of Wales, 75 cents to $1; California, 75 cents to $1; Marie Louise, $1. Harrisii, $3 to $3.50. Roman hyacinths, 25 cents per doz. Paper whites, 75 cents per 100. Smilax, 10 cents per string. Valley, 50 cents to 75 cents per dozen.

Various Items.

H. S. Sanborn, of Oakland, lost several cases of holly by making the mistake of having them sent by freight. Let this be a warning to others on the coast when shipping stock from the East. Have your orders sent by express at least. The journey is a long and trying one and very hard on plants or greens. On opening the boxes in this case the holly was found to be worthless.

E. Gill, of Oakland, reports his Christmas trade the best he ever had, selling immense quantities of holly, wreaths and cut flowers; plants moved slowly.

Sievers & Boland, Post street, made a splendid Christmas display of roses and carnations, the finest in San Francisco.

Peliçano & Co., Kearney street, had a great lot of Bridesmaids, also a fine display of carnations. This firm made a fine show of Roman hyacinths in pans, making altogether a couple of very catchy windows for Christmas.

Shannahan, Powell street, had an exhibition of orchids in his window during Christmas week which was "the talk of the town," there being nothing like it in San Francisco. Mr. Shannahan reports his Christmas trade the best in years.

Stevenson, the London florist, Powell street, did his usual large Christmas business, but reports the one just past the largest he ever had. Mr. Stevenson's wagon that has been in a dormant state for a few years is once more on the road. It's a dandy "and there are only a few of them left." Thomas could not stand and see that beautiful rig become covered with dust, so he got hold of a duster and scattered the dust to the four winds.

The Orange Grove Nursery Co., of Los Angeles, have started a place of business at 576 Fourteenth street, Oakland. They make a specialty of lemon, orange and deciduous fruit trees, ornamental plants and shrubs. The stock is certainly very fine and should sell well.

Stevenson, the London florist, made a floral horseshoe for our only Tod Sloan, presented to him by a few of his turf admirers on the occasion of his first and only tournament in America since his return from England. The shoe was a large one, twenty dozen Bonaffons being used in its make-up. The calks on the tips were made of English holly, and the pedestal that held the shoe was made of holly, as if it were a small tree of holly, and a corsage of large Bride roses was tied on one side of the shoe with a bow of real satin ribbon. The piece cost $150. Our only Tod lost the "blawsted race, doncher know," but 'e got the blooming 'orseshoe. He ought to have got it before the race.

Madam Prentice, on Washington street, Oakland, made a specialty of violet hampers made from German birch bark as a novelty. They sold well during the holidays and were a profitable venture for the madam.

N. Smymaeoplus, our Broadway florist, reports a splendid Christmas business done at his store. Mr. Smymaeoplus certainly had a fine lot of high-grade stock on hand.

Mr. J. Brown, of Piedmont, has a fine lot of white stocks that will be in bloom in a little while. Mr. Brown grows his stocks under glass and declares that they pay him about as well as anything he has on the place. The flowers are not cut with stems, but each bloom is picked from the stem as it develops. In that way the plants produce a great many more flowers and are just as handy for the florist, who uses them for funeral work. Mr. Brown has a few benches of carnations. Triumph is a favorite; Bradt he likes. He has a bench of Psyche and every time he passes that bench he gives it a look like a married man would give his mother-in-law. Psyche will be discarded.

Mr. J. Gilmore, of Elmhurst, is starting in to cut roses and carnations of fine quality. The foliage on the roses was badly affected with mildew owing to lack of heat last fall, but since the new boilers have been started the quality of the roses is improving right along. His Portias are the finest in the market.

Mr. T. Bennett, of Alden, has a fine bench of tomatoes in fruit that are expected to ripen soon.

At the annual meeting of the State Floral Society, held in San Francisco on the 11th of January, the idea of a floral congress in conjunction with its annual spring flower show was the chief topic of discussion. The members present were enthusiastic and the idea immediately took root. Committees are to be appointed and the work of arranging for the congress will be taken up at once. It is the intention of the society to make the congress surpass in interest and usefulness previous affairs of its kind. In conjunction with the congress the society will hold the regular spring exhibition. The blooms of California will be shown in all their glory and fragrance. Invitations will be extended to all horticultural societies west of the Rockies to send delegates and no doubt many will attend. J. N.

WAYNESBORO, PA.

Henry Eichholz, the geranium specialist and introducer of Mars and America, has started the erection of two houses 30x120 on his newly purchased property, his increasing trade and his seedling geraniums requiring a larger area of glass. At his place everything is in prime condition, and his progress in putting larger flowers on the Mars type of geraniums is remarkable. Eben E. Rexford, a pretty large pink flower with white eye, and Dr. E. A. Hering, a brilliant scarlet overlaid with red, indicate that the long and tall growers will have to take a back seat. These varieties are being introduced this year and as a few firms have bought a part of the stock the supply is limited.

On trial here are three double Mars seedlings, one of the S. A. Nutt color, a second of the exact Mars color, and the third a glowing cerise pink. There are others in the zonal section, round flowering, Bruant type, awaiting another summer's trial. The thousands of plants of America and others are remarkably thrifty stock and they are twice transplanted before being sent out.

A house of carnations in the pink of condition is for local trade, and of novelties sent out last year Lawson and Crocker will be retained. It was thought that Genevieve Lord would here replace Frances Joost but the latter is always selected by the buying public when both are placed together. His list now is Hill for white, Crane for red, Bradt for fancy, Maceo for dark, Daybreak for its own color, Joost for pink and Crocker and Lawson for fancy.

Mr. Eichholz considers March 1st as too late a date for the distribution of seedlings as cuttings sent out at that date have with him never made plants large enough to give proper results. He says it is a case of nursing the novelties into health every time and not until the second year can a fair trial be given. The only variety that was an exception to this rule was Ethel Crocker, but the rooted cuttings reached him Jan. 1st and these cuttings did make as good plants by fall as his own standard varieties.

As a pointer on seedling buying he says to always buy rooted cuttings of novelties from the originator; don't allow a rooted cutting to be packed twice or handled a second time when it isn't necessary. This he considers a very important factor in the purchasing of novelties. H.

BENSONVILLE, ILL.—W. F. Dunteman will soon build two houses, each 26x200.

THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time.
Milwaukee, Wis. N. ZWEIFEL.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all live florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade.
C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. B. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, complete and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. AAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist will find it as a guide in this progressive era of the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."
After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.
The book is placed where it will be accessible to all of our greenhouse employes, where this board expects to reap a reward many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS.
H. CORYELL, Gen'l Supt.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical gardening literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Published by Florist Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, etc., so that the Manual contains, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known in the trade to require any elaboration at our hands; suffice it to say that the same completeness of doctrine, and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details, but it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * we will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a condensation which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

THE FLORISTS' MANUAL...

By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS

and is a whole library on practical commercial floriculture in one volume. It is very handsomely and substantially bound in half leather, with specially designed title in gold.

Price, $5.00 Carriage Prepaid.

FLORISTS' PUBLISHING CO., Caxton Building, CHICAGO.

The above mentioned book is one that you need in your business—One that you can't afford to be without.

COLUMBUS, OHIO.

Christmas trade was far better than ever before. Cut flowers sold at a very high price.

Mr. S. F. Stephens cut some fine roses and 'mums for Xmas. He has completed a new house, which he expects to use for carnations.

Livingston Seed Co. had the best decorated store in the city.

New Year's was a very busy day for E. L. Charles with funeral work.

Mr. Underwood has several unnamed seedling carnations of which he is very proud.

Mr. E. Metzmair has had the natural gas, which did not prove satisfactory, taken out of his boiler and has gone back to coal and slack.

Mr. J. Brust has his coil boiler just about completed.

Mr. Coursy, of the state hospital, had some fine pot callas for Xmas, which came in very handy for his decorations.

Mr. F. K. Luke, of the O. S. U., has the plants beautifully arranged and labeled, which makes it very interesting for visitors.

Miss N. Anna Long was married on Dec. 25th to Mr. J. Acton, of Potomac, Ill. Miss Long was an amateur florist, having made a large display at the state fair last year, and is well known to many florists. G. E. A.

THE GLASS TRUST.

Notification of an advance of 20 per cent in the price of window glass was received last night by every jobber in the United States. The notice came from a committee representing practically all of the window glass manufacturers in the country, and means that the war between the American Window Glass Company, commonly known as the window glass trust, and the independent manufacturers has been patched up.

The war between the two classes of manufacturers prevailed all of last year and during the closing months of 1899. It began with a cut of 30 per cent in prices in a single day in November of the latter year, and at one time during the year just passed prices were nearly 50 per cent below the highest prices prevailing in 1899. Prices were so low in fact that only the factories most advantageously situated could run at a profit.

Both sides in the controversy, after over a year of trial, finally decided that the task of acting as philanthropists to an unappreciative and unsympathetic public was not conducive to health or longevity. The first steps toward a settlement were to form the independent concerns into one organization similar to the original window glass trust and then to get the two into harmonious working relations by the election of an executive committee to act for both. The basis of output for each is fixed at 1,200 pots for the American Window Glass Company, or original trust, and 700 pots for the Independent Window Glass Company, representing the former outsiders. The total of 1,900 pots is a reduction of 300 from the total in operation before the two combined.

It is an open secret in the trade that the new double-barreled combination has set aside a working fund to be used in a warfare on the Belgian window glass manufacturers, who have always been a thorn in the side of the American manufacturers particularly along the Atlantic and Pacific coasts, where the elements of freight and breakage and the average duty of 100 per cent are not as effective barriers as they are inland.

The advance in window glass, which goes into effect at once, will have no bearing on plate glass. Prices of plate glass remain unchanged at the level established in 1898.

Prices of window glass were withdrawn by all manufacturers over a month ago, and none of the big buyers, such as sash and door makers, etc., have been able to cover their season's demands. Stocks in all positions are of ordinary proportions. —*Chicago Times-Herald, Jan.* 18.

GREENHOUSE BUILDING.

The glass surface of the country is rapidly expanding. During the year 1900 the John C. Moninger Co., Chicago, alone supplied building material for 49,760 lineal feet of greenhouses, which required 1,094,952 square feet of glass to cover. Of the glass noted, 915,464 square feet were lapped and 179,488 feet butted. About 65 per cent of it was 16-inch glass. Of the 49,760 lineal feet of greenhouses 37,238 feet had ventilating sash that opened from the ridge, and 12,522 feet that opened from the header.

The John C. Moninger Co. are doing a little remodeling on their own account, making extensive improvements in their factory that will greatly increase their capacity and enable them to get out rush orders in double quick time.

CATALOGUES RECEIVED.

Schlegel & Fottler, 26 So. Market St., Boston, Mass., wholesale price list of seeds, bulbs, fertilizers and sundries; L. L. May & Co., St. Paul, Minn., May's catalogue of northern grown seeds, plants, bulbs and fruits; M. Crawford Co., Cuyahoga Falls, Ohio, catalogue of strawberry plants and gladiolus bulbs; The Steele, Briggs Seed Co., Toronto, Ont., seed catalogue; Pinehurst Nurseries, Pinehurst, N. C., surplus list of American seeds; The McGregor Bros. Co., Springfield, Ohio, 1901 wholesale price list of plants for florists.

BELLEFONTAINE, OHIO.—Messrs. Poole & Purllant, purchasers of the Hover greenhouses here, have arrived from Middletown, Conn., and are now in possession of the plant. They brought their families with them and will make this city their home as well as business headquarters. They intend to considerably develop and extend the business.

PIQUA, OHIO.—On January 1st The Piqua Floral Co. opened a cut flower store at 132 No. Main street, and later they intend adding a full line of seeds, bulbs, etc. The proprietors are F. H. Frisch and H. G. Hershey.

TRAVERSE CITY, MICH.—Hans Tobler, gardener at the State Insane Asylum, has lately recovered from an attack of appendicitis, and is now apparently in his usual good health again.

A CLIMBING CHRYSANTHEMUM.

We have received from B. M. Wichers & Co., Gretna, La., a photograph of a chrysanthemum that shows a climbing habit. The photograph is hardly clear enough to reproduce but the habit of the plant is unmistakable. The flowers are single and Messrs. Wichers & Co. report that the plant is perfectly hardy with them and covered with flower from October to January or later. It originated with them about four years ago.

LAKE CITY, MINN.—A local daily prints some interesting information regarding the Jewell Nursery Co., established here in 1868. Some items taken from their inventory for one year are as follows: 252,000 apple and crab apple trees; 34,000 plum trees; 23,000 cherry, peach, pear and apricot trees; 100,000 evergreens; 500,000 strawberry plants; 55,000 grape vines; 125,000 shade and ornamental trees; 47,000 roses; 80,000 currants; 63,000 ornamental shrubs; 50,000 gooseberries; 49,000 ornamental climbing vines; 110,000 raspberries, blackberries and dewberries; 155,000 hardy herbaceous plants; 2,000,000 seedling shade trees for timber claims. The establishment has entirely rebuilt its greenhouses and they now have about six thousand feet of glass devoted to tender plants.

FAULKNER, MASS.—J. Francis Harrington, the florist, has filed a bankruptcy petition. He owes about $2,000, with no available assets.

LORAIN, O.—M. A. Wilhelmy will discontinue the business formerly in charge of his son here, and has closed the store.

READERS will confer a favor by sending in items of trade interest.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.

BEST AND Cheapest ALL ROUND INSECTICIDE on the Market.

ROSE LEAF EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1899, for Standard Flower Pots.

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and your prices are right you can do good business through an adv. in these columns.

YOU WILL FIND

our adv. rates on the opposite page.

IF YOU HAVE PLANTS

to sell you can sell them quickly and cheaply through our classified advs.

THE LETTERS

on the margin of this page show what Review advs. do for advertisers.

Our advs. in the Florists' Review for the year ending May 1, 1900, cost us only 5 per cent on orders received.—THE MORRIS FLORAL CO., Morris, Ill.

We thank you for your most excellent service.—GREENE & UNDERHILL, Watertown, N. Y.

Your paper is a great puller to sell plants. I could have sold double the amount that I had. I shall always advertise in the Review when I have anything to sell.—J. F. BROWN, Knightstown, Ind.

Returns from the Review have been unusually satisfactory.—EDW. B. JACKSON, Stamford, Conn.

We are more than satisfied with the results of our advertising in your paper. The Review is surely the best paper of all. —JOS. LAIBE & SONS, Springfield, O.

I sold all the cuttings I had the first week after adv. appeared.—F. G. LEWIS, Lockport, N. Y.

Please stop our adv. in Review as we are sold out. Sold 960 stock 'mums in one week.—G. D. LOTZE, Glen Burnie, Md.

Please discontinue my adv. under head of Geraniums until further notice. Wish I had stock to supply the demand. Will send you copy for more advs. soon.—S. W. PIKE, St. Charles, Ill.

I had good success with my advs. in your paper this season.—S. D. BRANT, Clay Center, Kas.

The Review is a grand paper. It sold all my plants this spring and I am well pleased.—C. LAWRITZEN, Rhinebeck, N. Y.

Our small adv. in your paper has given the best of results.—G. VAN BOCHOVE & BRO., Kalamazoo, Mich.

I am much pleased with the results your paper has given me in such a short time. —E. J. CLOUD, Avondale, Pa.

Am pleased with the results of my adv. —C. W. KEIMERS, Louisville, Ky.

We consider the Review the best advertising medium and the newsiest paper published for the trade.—GEO. M. KELLOGG, Pleasant Hill, Mo.

We are very much pleased with the results from advs.—EVENDEN BROS., Williamsport, Pa.

We found your paper the best of the lot in results.—FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

Through my adv. in the Review I sold all my plants and could have sold many more if I had them. I think your paper a great seller.—MRS. E. KUNTZ, Frankfort, Ind.

Through your valuable advertising medium I am all sold out of 20,000 plants from 3-inch.—W. C. ROCKWELL, Bradford, Pa.

We always have had good returns from the Review.—J. A. MCDOWELL, City of Mexico.

The adv. brought me plenty of buyers for windmill and tanks.—C. J. BENZ, Conshohocken, Pa.

Results from advs. have been very satisfactory. —MRS. THOS. LAWRENCE, Ogburg, N. Y.

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CHICAGO, Dec. 22, 1900.

THE FLORISTS' REVIEW, 334 Dearborn Street, City.

GENTLEMEN: Replying to yours of the 21st. You may continue our advertisement in your paper the same as it is now for the next fifty-two times. We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. There is hardly a day goes by that we do not receive an inquiry from at least one or two parties, saying that they have seen our advertisement in your paper. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.

Hoping you will have continued success with your paper, we are,

Yours very truly, S. WILKS MFG. CO., Per E. H. SEDGWICK.

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Greenhouse Boiler,
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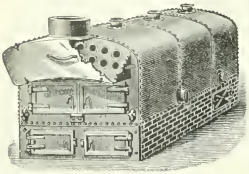

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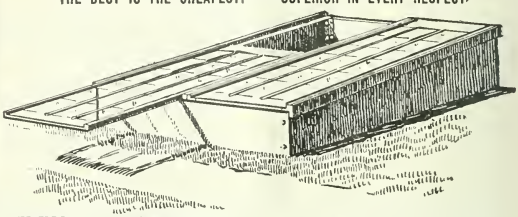

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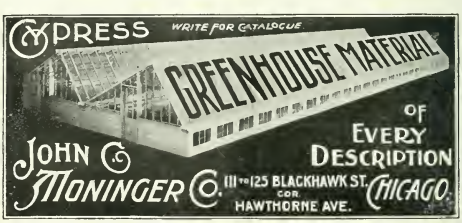

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, JANUARY 31, 1901. No. 166.

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12 Plants 5 00	100 " 16 00	750 " 101 25
25 " 8 25	250 " 37 50	1000 " 130 00

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A BIRTHDAY PRESENT

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By WM. SCOTT,

WILL EXACTLY FILL THE BILL.
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Cattleya Schroederae due in a few days.
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BRONZE
CALAX LEAVES, Delivered NOW FREE
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OUR GRAND NEW ROSE
Queen of Edgely
PINK AMERICAN BEAUTY,

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"Having had the pleasure of visiting your greenhouses and seeing—for the first time—your new rose 'Queen of Edgely' growing on the plants, I should like to say that my first impression as regards its **sterling worth** has been greatly strengthened. At the time of my visit it was a sight **worth going a long way to see**, having stems **6 to 8 feet** long. With its **luxuriant foliage, exquisite color and fragrance, large size of bloom**, together with its **free budding qualities**, I consider it a **grand introduction** and a **money maker** for all growers of American Beauty Roses."
Lansdowne, Pa. Truly yours, WM. MUNRO.

PLANTS READY FOR DISTRIBUTION, - - APRIL, 1901.
For particulars apply to
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Brazilian, named sorts, fine bulbs	1.00	8.00
Mixed, choice sorts, 2nd size	1.00	7.00
Cyclamen Persicum, giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed	.50	3.00
" separate colors	.60	4.00
Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1000, $10.00.		
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" 4 to 4-inch, 100, 50c; 1000, $3.50.		

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SEEDS.
Asparagus Pl. Nanus, TRUE, 100, $1.00; 1000, $8.00.
" Sprengeri, 100, 60c; 1000, $5.00.
Sweet Pea, early forcing sorts, oz., 5c; lb., 25c.
Smilax, 1900 crop, oz., 30c; lb., $2.50.
Send for New List for spring and summer.
Address H. H. BERGER & CO.,
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Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express $2.00 per 100

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100.
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Also field-grown Hardy Herbaceous Plants.
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500,000 VERBENAS....
60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.
PERFECTLY HEALTHY. FREE FROM RUST
Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.
Send for list. J. L. DILLON, Bloomsburg, Pa.
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Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.
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Wholesale Florists,
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SHIPPING ON COMMISSION.
Telephone 733 18th St.
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122 W. 25th St., NEW YORK CITY
Manufacturers of
WIRE DESIGNS
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Caladium Esculentum
1st size, $2.00 per 100; 2d size, $1.00 per 100. Small Roots or Sets, 50 cents per 100.
CASH WITH ORDER.
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Mention The Review when you write.

Pandanus Veitchii.
6-inch pots, 18 inches above pot, $1.00 each.
7-inch pots, 20 inches above pot, 1.50 "
JOHN WELSH YOUNG,
Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R.
Mention The Review when you write.

Fine all round LAUREL FESTOONING, 4c, 5c and 6c per yard, all hand made and of best material. Galax Leaves, bronze and green, 75c per 1000. Dagger and Fancy Ferns at market prices. Write or telegraph for prices on large quantities of Laurel Festooning.
Remember we are headquarters for best goods always.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.
Mention The Review when you write.

ROSES

GRAFTING ROSES.

About to graft some roses, a question occurs to me: Why is it necessary to have a tight box to enclose the newly grafted stocks? It is a common, everyday job, one performed by just ordinary workmen in nurseries, and yet when the subject of rose grafting is approached one of the very first things asked is, have you a case?

It strikes me that we may be following in the footsteps of our preceptors without thinking for ourselves; in other words, keeping in a rut, perhaps, when we might strike out a better route.

Let us look at the reason of the process. The object of grafting is only to make a weaker scion unite with a stronger stock. Of course, both scion and stock must be in the same condition of growth; a dormant scion can be, and frequently is, used on a dormant stock, as in outdoor work, the main necessity being to keep air from where the union is to take place. It is true the outdoor work is usually done when sap is about to start, in the spring, but there is no hard and fast rule; the main precaution is to use plenty of wax.

Now, to apply the same practice to our roses, may we not put dormant scions, taken from outdoor plants, and look for the same results? Provided, of course, we secure like conditions, stocks being potted a short time and making roots. Would it be necessary to have a bell-glass for them to unite?

Now, take the case of budding in the rose house; every one knows that nothing is more simple; it seems sometimes as if it is only necessary to bring the bud and stock into juxtaposition, in any old way, to have them unite. Why will not the same rule apply to grafts, both scion and stock being in moderate growing condition?

Why can we not graft without the Wardian case? Can we not let Manetti get a reasonable start on the ordinary bench, then take our scions from growing plants, join them much as in ordinary outdoor work, using plenty of wax, and stand on the ordinary bench in an ordinary house?

I ask these questions because I want to know, and not because I have any curiosity. Perhaps someone has tried this and knows that it will not work, but for one I cannot see why.

BENJAMIN DORRANCE.

Dorranceton, Pa.

ROSE NOTES.

The American Beauty.

While I do not pose as a past master in Beauty growing I have always had a fancy for this rose and have grown it with good success for years. I do not know whether my way of growing them is generally practiced and I would like to hear from growers who differ from me as to their methods. We are never too old to learn and a little pointer at the right time will often save a whole house from ruin.

In taking wood for cuttings avoid that which appears spindly, weak or in any way diseased, and use that of medium strength and neither very soft nor very hard. The best plants will be from cuttings that have retained their leaves. It is a waste of time to pot a cutting that is not properly rooted. As a rule they will die off, and even should they grow they will make inferior plants. It is not advisable to buy Beauty cuttings. The roots are so easily broken that no matter how carefully packed, they are always more or less injured and in consequence a percentage will die after potting. If you have to buy it is best to buy plants, and the best are none too good.

After the young plants once start to grow they will grow very rapidly and will soon need a shift into 3-inch pots. Don't let red spider get a start on them or go to extremes in watering. Don't let the plants get checked by becoming pot-bound. Pot into 4-inch pots if the house is not ready for planting by the time they should be out of the 3-inch.

I believe in early planting so that the roots may have time to get a good hold of the soil and the plant make a good growth before fall or before flowers are wanted. My experience is that early planted Beauties do the best during winter while those planted later will be best in the spring. By early planting I mean planting about the end of May, and by late planting I mean planting about the end of June.

Soil that will grow good Brides and Maids will also grow good Beauties. I prefer a rich loamy sod mixed with about one-fifth of cow manure and I allow one sack of bone meal to a house 23x150. If the bone is not mixed with the soil it can be spread on the bed and then worked in with a hoe or spade. I like to have the soil five inches deep and well firmed before planting.

For planting use only clean and thrifty stock. Poor and sickly plants may apparently do very well for awhile and "grow out of it" as we say, but the defects will show when we are cutting the flowers. I plant four rows on a 5-foot bench, the plants 10 inches apart in the rows. The day before planting on the bench the plants should be watered well so there will be no dry ones among them. Always have a bucket of water handy when planting and if an occasional plant is dry let the ball soak awhile before planting it.

I take care not to set the plants too deep and a basin is left around each. They are then given a thorough watering. I widen the basins as the roots spread and discard them only when the roots are pretty well all through the bed. The Beauty likes plenty of water when growing, but let the bed get fairly on the dry side before giving water, and then water so as to have a uniform moisture all through the bed. I like to be able to press my finger through the soil to the bottom.

A great many failures result from improper watering. If you give only a light watering every day or so you are apt to have the soil on top too moist at all times and in this way encourage black spot to get a start, or you will have the lower half of the soil too dry and thus check the growth of the plant, which will increase the amount of blind wood. During hot summer weather I find one good watering will last two days, and later on when the bed is watered all over it can stand for three days. In winter time one watering a week will often do and in spring again it must be done more frequently. There can of course be no set rule established. We have to be governed by the condition of the soil, the weather, our benches and heating arrangements. Always try to select a sunny day for watering and then do it before noon.

The young plants can be syringed twice a day during the summer months. This should be done not later than 11 o'clock in the morning and 3 o'clock in the afternoon. This syringing at noon is not so much to dampen the foliage as to get more moisture into the atmosphere. For this reason I like to wet the walks or under the benches occasionally. Even in the winter months when firing hard I wet the walks or under the benches rather than to do so much syringing of the plants.

As fall approaches our aim must be to keep the atmosphere of the house as dry as possible and syringing must be done with more care. It is of the greatest importance to have the foliage dry before night as otherwise black spot will soon get a start. Syringing must be done to keep down red spider, but this does not necessitate doing it on every favorable day during fall and winter. One syringing with a nozzle and with 60 to 80 pounds pressure will do more good than a half dozen lighter ones. One to three syringings during the week according to the weather ought to be enough to keep red spider down. In the spring when more ventilation can be given syringing can be done more freely but always avoid having a surplus of moisture in the air for any length of time.

The treatment of the plants for the first two or three months after being benched is of the utmost importance as regards future success, for during this period we build up our plants and get them to store up energy and strength for future work. They are in training for a contest that will tax their powers to the utmost and should receive every advantage that may help to put them in the best possible condition for it. It is also the time when we lay the foundation for blind wood.

There are various ways of inducing the plants to break from the bottom. The poorest of all is to cut them back, and this is especially injudicious when the wood is quite soft. This has a tendency to induce the starting of a lot of thin and slender shoots that may run up six to eight feet and generally come blind, or if they bring flowers they are poor ones. In general Beauties have only one branch when planted. If left to themselves they will naturally break out from the bottom and send up one or two good shoots, but it sometimes takes too long and we have to assist them.

The forming of a bud when the shoot

is 15 to 18 inches high will check the plant enough to induce it to make a bottom growth, but if the plant shows no inclination to set bud when 20 to 24 inches long I give it a short bend downward where the wood is about half ripe. I do not break it but it injures the bark enough to check the growth in that direction somewhat. In this way the plant is not deprived of any foliage nor is its growth otherwise seriously interfered with, but I accomplish my purpose. The eyes around the bottom soon send up young shoots, of which I select from three to five of the strongest and cut the rest off before they get very long. They will generally grow 15 to 24 inches high and form a bud. Of these I pinch off some as soon as they show color; others I leave on longer and then cut the bud with two or three leaves. By the time the last operation is performed the first disbudded shoots will have started to grow and from this time on I never allow all the shoots on a plant to form a flower at nearly the same time. The first disbudded shoots will form buds while the last and somewhat cut back ones will still be in full growth.

If any stem is not long enough I take the bud off—not cut it back—and let it make another growth. This second growth is generally from 18 to 36 inches, which is added to the original stem. Started in this way I have a pretty even cut of Beauties. They will also not grow too long in the stem and bloom as surely as any other rose.

If an extra supply of Beauties is wanted at any special date you can help a great deal by taking off some buds about six weeks before you want flowers on those shoots. But make it a point to keep the plants in a growing condition at all times and never cut the whole plant down during a period of but a week or two.

Black spot is caused by too much moisture or a cool damp atmosphere. Proper ventilating and firing in time are the best preventives. Always keep some sulphur on the pipes. I often use carbolic acid, one teaspoonful to three gallons of water, to keep it from spreading. Three ounces of carbonate of copper and one quart of ammonia to 50 gallons of water is also highly recommended, but the best way is to pick off the affected leaves, burn them, and keep the air of the house dry.

M. Stauch.

[To be Continued.]

THE RETAIL FLORIST.....

Prices.

The past week was a very trying one to most retailers in the large cities. Perhaps all throughout the country good flowers were scarce and the consequences were attended by much anxiety and general unpleasantness. In New York roses particularly were very few compared to the demand, and higher prices were asked for them than on Christmas day. Some few delight in seeing extremely high prices realized for stock, but the fact remains that great harm is done by putting an almost prohibitive price on flowers at any time of the year.

It would be much better in every way for the retail business if the growers would agree among themselves to charge a set and steady price for their stock changing the price at stated intervals; as it is today many a retailer dare not charge his customers what he himself has to pay for the stock, and he is wise in not doing so. The general public cannot and will not understand how or why they should be charged twice as much today as yesterday for the same grade of flowers. The logic of supply and demand is very dim betimes to impatient, perhaps unreasonable humanity. To have to pay $15.00 per 100 wholesale for weak stemmed roses of the Bride and Bridesmaid class in the third week in January, whereas on Christmas eve the same grade could be had for $4 or $6, is a hard nut to crack; a particularly hard one if you had the misfortune to win a decoration by giving a hair-splitting estimate, and where you promised so many roses.

The actual wholesale prices for flowers in New York last week were: Beauties, 6 to 75 cents each; Brides, Bridesmaids, Golden Gates and roses of that class, 4 up to 25; Meteors ran medium between the above because they are usually like round buttons; lily of the valley took a drop, but you had to pay from 2½ to 4 for it when wanted; yellow trumpets brought 6, tulips 4 to 6, paper whites 3, Romans 2 to 3, freesia 20 to 25 a bunch, same for sweet peas—both of them just enough for a buttonhole; carnations from 2½ up to 10; violets 50 to $1.00, cattleyas 50 cents. There might have been chances where a wholesaler didn't exactly know how much he could charge, or perhaps his charitable mood was on, where one could pick up a bargain, but the above were the prevailing prices last week, and it was very hard to realize much profit on the stock over the counter.

The cut flower public were in a mood to buy, too, and the better class of stores were busy, still there were hundreds of cases where either people refused to buy or grumbling took cheaper substitutes, and then again you all know a stock of fresh flowers must be kept in the store whether there be business or not.

Decorations.

The difficulties confronting one by a scarcity of cut flowers can very often be overcome by a little serious thinking and a judicious use of plants, green or flowering. Flowering plant decorations have been the rule of late in New York, and the principal material used has been Begonia Lorraine and Simon Mardner azalea. The ball given by W. C. Whitney early in January was one of the most important events of recent times; his great house is a home for the purchascable treasures of Europe. We wish every retailer could have seen it decorated. The decorations were not elaborate, they were simple and very rich. Vases containing 100 or 200 long stemmed American Beauties can make a better effect artistically than all your hangings and draperies; of such was the greater part of this decoration. Another pretty item was the arranging of 75 hanging baskets of Begonia Lorraine under a lighted glass roof; the effect was very charming, and then again peeping over a white Venetian marble balustrade was a hedge-like row of Mardner azaleas. It was all good and J. H. Troy deserves credit for the work.

Door Wreaths.

A reader in Burlington, Ia., asks for information as to the making of door wreaths. By this we presume is meant funeral wreaths to hang on the bell knob. This is a very ancient custom and was used by the early Greeks to mark the houses where festivals were being given as well as sorrows were keen; the difference was known by materials used; foliage or flower meant much more in the language of sentiment then than they do today.

We once in a while see these wreaths in the larger cities, but a garland is more frequently used. They are made by tying a few white flowers, roses, hyacinths or such, on a string of smilax or asparagus and hanging it on the bell or door knob (in ancient times it was hung on the knocker). A piece of white or purple ribbon is often tied on the garland or wreath, but the whole is supposed to be very simple.

Of course there is a wide opportunity for improvement and the exercise of individual ideas in these designs, some of which we will be pleased to give you later.

Funeral Designs.

In regard to the query as to moss or tinfoil on wreaths, by all means desist from using tinfoil on funeral designs. The brazen glitter of it makes a wretched contrast to what is used at such a sad event. In New York we have a green sheet moss; in the absence of that we use ferns or any kind of greens. First line the frame with this material, facing it outwards, then fill in with gray moss. A wire design of any kind should be completely covered with green back and front before a flower is put in it. No paper or tinfoil is used in choice funeral work today; they who use it when green moss or any kind of green, be it ferns, hemlock, or spruce, are obtainable, are behind the times.

We must apologize to our friends for the manner in which we have conducted this department but we promise them more than their dollars' worth in the days to come.

Ivera.

A STORE DISPLAY.

We present herewith an engraving from a photograph of the display in the store of Mr. W. L. Rock, Kansas City, Mo., during his chrysanthemum show last November. During the three days of the show the number of visitors is estimated at over 5,000 and that it was appreciated by the visitors was evidenced by the commendation bestowed.

Most attractive features of the display were two dinner tables, both decorated with orchids, a round one with cattleyas and a long one with odontoglossums and Farleyense fern.

In the rear of the store is a balcony and here was stationed an orchestra of three pieces. The attendance and appreciation shown and the subsequent results have convinced Mr. Rock that such displays pay.

LILY OF THE VALLEY AND DEUTZIA.

A subscriber wishes to know when to start lily of the valley for Easter, and at what heat the bed should be kept. We will presume that the inquirer means in the forcing of pips, the usual method, and not the clumps which are sometimes forced for Easter. There is not much difference between the treatment for Easter and that given at the present time. Having been very successful for the past season or two with lily of the valley, I would as well briefly state our method. The same will do identically for Easter crops.

We have four 4-inch hot water pipes boxed in tightly so that all the heat is confined beneath the bed. The bottom of the bed is roofing slates on which is placed six inches of sand. The boards project above the sand about a foot, but the top board is hinged at a level with the top of the bed so that when watering we lay that board down and can run the hose between the rows of valley without wetting the bells, because wetting the bells after they once show color is a serious matter and must not be done. The bed is soaked every day the first ten days. The bed is covered with shutters made of half-inch boards in four-foot lengths, that are light and convenient to handle. By this time the growth is pretty well up and then we cover with similar sized frames on which is tacked cheese cloth. We keep them on till the buds are pretty well developed, but for two or three days before cutting if not sunny we remove these and give them the full daylight.

I would add here that the sand keeps constantly at a temperature of about 80 degrees. Now to make sure of having them in in good time you should allow twenty-one days from the time you put the pips in the sand until you cut them. They should not be cut and immediately sold or they will wilt. They should have at least twenty-four hours with their stems in cold water before selling.

I have passed through some experience with Deutzia gracilis, having one year allowed too short a time. We will suppose that these plants have been grown in pots; they always force much better when they are, still they will force even if lifted from the ground. They are more serviceable if brought along moderately cool and not rushed with great heat From the time you bring them into the greenhouse allow eight weeks and then you will be sure to be in time. The ideal temperature for them would be about the first four weeks in a temperature of 45 to 50 and the last four weeks 50 to 55 degrees.

WILLIAM SCOTT.

Store Display by W. L. Rock, Kansas City, Mo., last November.

CARNATION RECORDS.

I do not know but that it is customary for carnation growers to keep an exact record of the daily cut of each variety, but I know of quite a number that do not do so. After following the plan for two seasons we have come to the conclusion that it is the only correct way to do if we desire to know exactly which varieties are paying and which are not.

We found last season that the old stand-by, Wm. Scott, was not giving us as large an average number of blooms per plant as some other varieties, though a person going through the houses any day would say exactly the reverse from just looking at them. I will admit that it is a little more trouble to keep such a record and yet with a proper book it does not take so very much more time and we consider it well spent. As a result we can turn to our record book and tell just how many were cut any day through the season, also the weekly and monthly totals and the total to date for the season, all of which is exceedingly satisfactory from all standpoints.

You will find in this way the kinds that do the best at the holiday time, when, of course, you want the most and also the kinds that "crop," which are never as satisfactory to us as those that average more evenly. As the result of this record we annually reject a number of kinds, and often it is a kind that you would not otherwise discard.

I think someone would like to know what our average per plant has been on a few varieties from Sept. 29 up to Jan. 1 Of course the fraction does not always come out exactly, so when it is a little over we mark it plus and when a little under, minus.

	Blooms.
Gen. Maceo	12 1-3
Morning Glory	10 3-4
New York	8 3-4
Daybreak	7 2-3
Wm. Scott	7+
Gen. Gomez	7—
Glacier	6 2-3
Flora Hill	4½+
Victor	4 1-3—
Crane	3 1-4—
Marquis	3—
Olympia	3 1-2
Bradt	3—

Now I have not any idea if they have averaged what specialists make them do or not (I wish I did) and I wish that others who keep such records would let us hear from them. It is very interesting to look over the records and see how each kind is doing month by month. One result of keeping them, too, is the improvement in quantity and quality that we cut from year to year.

I presume all growers that have a local trade will retain some varieties that on the whole are not entirely satisfactory because of some special demand that they may have, at least, until they test some new variety that fills the bill and has the additional virtue of making a good record. R. E. SHUPHELT.

AMERICAN CARNATION SOCIETY.

New Carnations.

Registered by Geo. W. Binstead, Summit, N. J.—"Maid of Honor"; Color soft blush pink a little deeper than Daybreak, exceedingly free flowering with good strong stems averaging 24 inches. Size of flower, 2½ to 3 inches; grown under same conditions as Scott and McGowan it has for two seasons produced more flowers than either from an equal space.

Special Notice.

Mr. Douglas H. Thomas, Park Commissioner of Baltimore, Md., has kindly offered a cash prize of $25.00 for the best unnamed seedling carnation raised in Baltimore, to be exhibited at the coming show of the American Carnation Society in that city.

ALBERT M. HERR, Secy.,
Lancaster, Pa.

ROOTED CUTTINGS.

We read the carnation number of the REVIEW with a great deal of pleasure. It is one of your best and it will be carefully preserved for reference.

Friend Scott gives, it seems to me, some of the best hints on what to expect when we pay money for cuttings of novelties. Insist on No. 1 stock or return the cuttings. This trying to doctor up

sickly cuttings and plants is nothing but taking the road to disappointment.

Geo. M. Kellogg.

Pleasant Hill, Mo.

GREEN MOULD.

I am having trouble with a green mould or fungus forming on the soil around my seedlings. What causes it? I use a loam soil lightened with leafmould. Has the ventilation of the greenhouse or overwatering the general run of plants in the house anything to do with it? J. C. Morgan.

J. C. M. is not alone in his troubles. Seed pans where the seeds germinate slowly and the soil has not been previously sterilized will invariably become covered with some low plant organism. If the house is damp and close the quicker will these minute plants germinate and flourish, for light and air are not congenial to their growth.

Without going into a long story of their growth, which would not be profitable, for the prevention of this fungus is what is needed, I would say that any spores of fungus or mosses or weeds that exist in the soil either that you sow in or the material you cover with can be easily killed by baking the soil, which can be done in several ways. Or if you use steam you can put some soil in a tight box and turn in a jet of steam. Either plan will rid the soil of all germs and weed seeds. Wm. Scott.

MISCELLANEOUS SEASONABLE HINTS.

Lilies.

From the present outlook the Japan longiflorum lilies will want a high temperature every day between now and the 6th of April. Others may have obtained an earlier start, but they never arrive here for any waste of time. Each individual bulb has its own quality and some are earlier than others. Particularly is this so with the Bermuda type. There is usually one end of a house warmer than the other or you have a still warmer position to give them, so you should not delay in giving the backward plants a still warmer temperature. You have now two months to do this, and it is easier done in that time than doing it all in the last three or four weeks.

The Bermuda lilies are always in time or there is no excuse in their being late, but Easter (April 7th) being rather early the large bulbs forced for that date will by no means want anything but a good warm house. So much depends on weather it is impossible to give definite time, and two weeks bright weather end of March will do more to hasten flowering than a month of cold, cloudy weather.

The lily lasts in flower so well that it is much better to be on the early side. We have often thought that people would be satisfied with two flowers open and three or four buds to come, but the great majority are not. They want a show. For church purposes, where most of them go, this is reasonable and proper, but for a present you would think they preferred a plant that would longest be in flower, but it is not so except in a very few instances. So my humble advice is, be in time and have a little time to spare.

The Bermuda lilies have with us just about the average number of former years that are diseased and useless, yet if you lose 50 per cent and have the sense to throw out the diseased plants the moment you detect it, they are yet as profitable as anything we grow, for they do not, compared with the price, occupy much space on the bench and are all out of the way in time for most of our bedding plants. The lilies, particularly the Bermudas, are often seen with the tip of every leaf brown. I have never heard a satisfactory explanation of the cause.

Nothing is more troubled with the green aphis than the young, crowded leaves of the lily and sufficient fumigation to kill them down among the crowded leaves would be more smoke than is healthy for any green leaf. While a weekly smoke will easily keep down the green fly on any expanded leaves it is much better to rely on an application of tobacco water to destroy those that are deep down in the crown of leaves and buds. If you use the Rose Leaf Extract dilute it 75 to one of water. If the Nikoteen, then dilute 200 to one. You will often see a lily bloom twisted, "busted" and distorted on a perfectly healthy plant and it is usually the first flower on the stem. This I believe is caused by the puncture of the aphis when the bud was a very small affair.

Azaleas.

The generally mild winter we have been having is bringing along the Easter azaleas rather earlier than is desired. This is the case with that splendid variety Mme. Van der Cruyssen and the good white Niobe. Azaleas that you grew last summer can be easier controlled, but there is something about the change of climate or the conditions they are subjected to in the sea voyage that starts the buds, both leaf and flower.

I have often reminded you that if you want to sell them this spring and want a fine show of flowers you must keep the young leaf growth pinched off or it will grow at the expense of the flower. You must do this and in a week or two they will show a great inclination to be sending out their young growths. Now this very important plant differs entirely from the lilies in the condition our customers want it. They know that an azalea that is entirely out in flower will soon have many flowers dropping and I have noticed they repeatedly ask for a plant that has flowers enough to be attractive and yet has buds to open.

Now when once in full bloom they are difficult to keep in good order and color. We have had 200 plants in a cellar or basement for 10 days before Easter and although not a loss they were poor stuff compared with those in the greenhouse. Now is the time to do the retarding with the varieties that you think will be too early. A cold pit will do, or any place that will not actually freeze. I know from observation that our plants of some of the varieties will be too early if kept in the greenhouse in a night temperature of 45 to 50 and it's much better for them now to be put into a low temperature than when showing color.

Geraniums.

There is sure to be as big a demand as ever and in some localities a still greater for the ever popular geranium. The plants we shifted from a 2-inch to a 3-inch at New Year's will now give us a cutting from the top. Don't destroy the plant for a cutting, but if you have two good eyes you have enough for a good plant. Pot these cuttings firmly in 2-inch pots. When I say firmly I mean get your thumb and finger down as a wedge so that the soil is solid around the base of the cutting—that is important. They make better plants than when put in the sand and it's much less trouble. We stand these cuttings on a light bench and give them one good soaking and after that we don't water again till they are decidedly dry. These young plants if grown right along and shifted as soon as rooted make excellent bedding plants by the middle of May.

William Scott.

A VISIT TO KEW.

Vice-president Benjamin P. Ware, of the Massachusetts Horticultural Society, Boston, recently read a paper before the society on "A Visit to Kew Gardens and Hampton Court." He said in part:

Kew Garden was originally a private fruit and vegetable garden of seventeen acres, belonging to the Prince of Wales, the father of George III., who began to improve it as a botanical garden and pleasure ground in 1730. It has received additions from time to time, so that at present it contains 270 acres. It became public in 1840, and was placed under the control of Her Majesty's office of public works, with an annual appropriation for its maintenance of £32,650, or $163,250. It is said to be the finest and most complete botanical collection and arboretum in the world. As for tree planting, it can hardly be excelled.

Kew Garden is accessible by steamboat, omnibus or steam railroad. It is seven miles from the center of London; the surface is undulating, with carriage drives around and through the grounds; with broad graveled walks in various directions, opening long vistas through well-grown trees—some in rows, but generally irregularly planted with plenty of room for the full development of each tree. Every variety of tree, shrub and herbaceous plant is plainly labeled. It was intended that every variety that will grow in that climate should be represented in its very best possible condition, and as the winters in England are much milder than ours in New England, many more varieties may be grown there than here.

It is very delightful when traveling in a strange land to meet anyone from your own country, even though an entire stranger at home, and I found it even so to see in this collection of specimens

our beautiful white pine, hemlock, spruce, elm, mountain ash, white ash, and oaks, and among the herbaceous plants, our fall asters and goldenrod in variety and many other familiar friends, not excelled in beauty by those of any other country.

As tree planting there began more than a hundred and fifty years ago, some of the trees are very large; among these are a dozen or more cedars of Lebanon of immense size, four or four and one-half feet in diameter. As they stand well apart, and were allowed to branch near the ground, they grew in a form peculiar to that species; with their deep green, compact foliage and majestic forms, they readily command the attention and respect given to this tree by early scripture writers, who frequently used the cedars of Lebanon as symbols of strength, beauty and grandeur.

Near the group of cedars in the garden is an immense Scotch pine, towering above all others, with a clean trunk, about 100 feet to its first branches.

The shrubs are in such great variety, so well grown, and plainly labeled, that they afford a superior opportunity for study. Rhododendrons are especially fine here, and a collection of over 6,000 flowering hardy herbaceous plants, embracing more than a thousand varieties, may be seen—among them the original wild chrysanthemum brought from China 105 years ago. It was first introduced into Europe, making our magnificent chrysanthemum shows possible, as well as the one held last November at the Royal Aquarium in London, when its small yellow flower was shown in contrast with the latest triumph of the florist—a flower fifteen inches in diameter.

The most noticeable structure in the garden is the Chinese pagoda, built in 1761, the grounds around it so laid out that it may be seen directly in front from several points, through long irregular lines of trees. Another very prominent object is the flagstaff, a single spar of Douglas pine brought from Colorado, supposed to have been 250 years old. It is 163 feet high, with twelve feet underground, enclosed in solid brickwork to insure its security from wind and decay.

The Palm House is probably unequaled in beauty and grandeur the world over. It is 362 feet long, with an ell on each side, and is filled with a great variety of palms and other plants requiring the same conditions, many grown as high as the top of the building, and all in perfect condition. The Horticultural Museum is a large three-story brick building containing an herbarium, library and many horticultural curiosities of interest. Between these two buildings is a very beautiful artificial pond which makes a frontage for each building. Around this pond are beds of flowers of the most brilliant and showy kinds.

There is a Wood Museum, containing specimens of wood from all of the British colonies and other countries; also seventeen or more green houses adapted to the needs of different families of plants, one of them devoted to exotic water lilies, among which the Victoria regia is prominent. Another is devoted to the citrus family of fruits and another to the cactus in great variety.

A portion of the grounds is set apart as a wild garden, with a perfect tangle of trees, shrubs and herbaceous plants, without order or design. The collection of Marianne North's paintings of flowers, containing 833 pictures, is arranged in a brick building provided especially for it, adding very much to the interest of the garden.

Where there are no flower beds the surface is a beautiful English lawn, such as we have often read of—so closely shorn, so green, so soft is it, that one is reminded of a velvet carpet. The signs are not "Keep off the grass," but "Please do not tread upon the edge of the grass." When any portion of these lawns shows signs of exhaustion, the sod is carefully removed, a heavy coating of old stable manure forked in, then the sod is replaced so carefully that no signs of its removal is noticed.

Kew Garden is so accessible, so beautiful and so instructive that it is not surprising that from 60,000 to 80,000 people visit it during the season annually.

The palace at Hampton Court is fifteen miles distant from London, and seven miles beyond Kew Garden, and is reached by the same lines of travel, continuing through Kew and Richmond by omnibus, or if one prefers, by a coach and four in-hand from Piccadilly Circus on Sunday mornings.

The approach to the palace is through Bushy Park, of 400 acres, by a broad avenue about a mile long. On each side of this avenue are five rows of horse-chestnut trees, set fifty feet apart. These trees are two or three feet in diameter and about eighty feet high, and cover with their shade a space, including the avenue, not less than 800 feet wide.

The garden, of forty-four acres, was laid out on each side of the palace by William III. The right side, called the Pond Garden, is in the Dutch style, with elevated terraces, sunken paneled lawns, arcade walks formed by flowering shrubs, flower beds, and a goldfish pond. Here is the old grapery, containing the famous Black Hamburg vine that is 132 years old. The stem at the entrance of the glass house is a foot in diameter. There it sends out three or four branches three inches in diameter. These are trained so that the whole roof, 100 feet long and 40 feet wide, is completely covered, and the fruit is so carefully pruned and thinned that the bunches hang about a foot apart from every part of the vine. As I saw them—1,200 clusters, fully ripe and well colored—they presented a sight that I shall never forget. This enormous crop is maintained by an annual application of a heavy coat of old stable manure and ground bone, which is forked into a plot of ground about as large as the grapery just across the graveled roadway, the main roots passing under the road to this feeding plot.

The part of the garden on the other side of the palace is differently arranged, and planted chiefly with larger shrubs and trees.

A FINE DELIVERY WAGON.

We present herewith an engraving from a photograph of the delivery wagon of Mr. Thomas Stevenson, San Francisco. It cost $1,000 and is the finest wagon of the sort in that city. The picture also shows part of the front of Mr. Stevenson's store.

The Delivery Wagon of Mr. Thos. Stevenson, San Francisco, Cal.

A BOTANICAL STATION.

The University of Minnesota will open a botanical station on the west coast of the island of Vancouver next summer if the present plans are carried out. T. M. Baird, Jr., of Victoria, has presented a tract of land for that purpose. The station will be complete in its equipments, and is a novel departure. Minnesota being the second university to open and operate such a station. Leland Stanford university has one in operation, known as the Hopkins seaside laboratory.

A party of thirty or more botanists from Minnesota, Iowa and the Dakotas has been formed to open up the work in June. It is expected that a few more will avail themselves of the advantages offered by the station and join the party.

THE easiest way for the man who buys is the cheapest way to advertise. THE REVIEW'S classified advs.

THE Florists' Manual, by Wm. Scott, is for use every day in the year.

TROUBLES

Conducted by LEONARD LAWTON

Twentieth Century Troubles.

"The way to resume is to resume." Here we are again. How about the troubles of the Twentieth Century? Troubles are always with us. They change in character, increase or diminish, but never leave us entirely.

Is the Business Overdone?

We recently had a conversation with a carnation grower who was considerably disturbed over the fact that the prices of fancy carnations had averaged lower in the Chicago market this season than for some years previously. He wondered whether the day was not rapidly approaching when high grade blooms would no longer bring a price that would make them profitable to grow. He asked us what we thought about it.

Our reply was that many more startling changes than this had taken place during the last fifteen years and that the possibilities of the future were immense. If anyone had fifteen years ago predicted that the volume of trade in cut flowers would in 1901 reach its present magnitude he would have been considered a fit subject for treatment by a specialist in mental diseases. We live in the greatest age and the greatest country and under the greatest system of government the world has ever seen. And we are still infants in swaddling clothes as regards the use of flowers. The greatest development is yet to come.

It will be necessary for us to adjust ourselves to new conditions as they present themselves but the expansion of the business as a whole will go on without even a temporary halt. It is true that an immense glass surface is being annually added and that the demand has at times been caught up with and even passed. But the trade has suffered no injury as a whole. Prices have fallen steadily on low grade stock but those on first class flowers have as a rule been well maintained.

But will not the early future bring us to the point where even high grade stock will not bring the present rates? It is quite likely, but it will result in a reduction of the cost of production in ways now unknown to us, just as the cost of production has been markedly reduced during the past fifteen years.

Will not the big establishments eat up the little ones? Yes, this is apt to result unless the little place is conducted by a man having sufficient skill in producing some specialty to overcome the advantages possessed by the large establishment whose strength runs more in producing at a minimum of cost. It will be a case of the survival of the fittest and the fittest will not only survive but will wax fat.

The time has already arrived for the owner of a small place who produces all ordinary grade stock to so change his methods as to produce strictly high grade or drop out of the race. And if he can't change his methods the sooner he drops out the more he will have left to start with in some other line.

The business will pass through the changes that all other businesses have passed through during the transition from a little trade to a large and important one.

It will not be many years before there will be but few houses devoted to the production of cut flowers in small places for purely local demand. The reduction in the cost of production at the big establishments near the large shipping centers will make it possible for them to supply cut flowers at prices that will make it folly for the retail grower to produce them himself. And close study of the best methods of cutting, packing and shipping will do away with most of the present troubles regarding delivery at destination in perfect condition.

But will the glass of the retail growers be thereby lessened in value? Not at all. They will devote more and more of their space to the production of plants —good plants—plants that will meet part of the expanding demand for flowers. And these plants will ever be a check on the prices of cut flowers and prevent exorbitant charges for them should the production eventually be confined to a few hands and trust methods be adopted to push prices up.

In finely grown, well flowered plants lies the business strength of the retail growers in small places.

But let them have an eye open for the purely store florist who will invade their territory and take away their trade with outside grown flowers should they fail to keep up to date and adjust themselves to the changing conditions.

Yes, the Twentieth Century will have troubles of its own and it will take wisdom to meet them.

Maybe we are too free in prophesying, but we think there are some points worth considering in what we have said.

Good advice can come from a doubtful source. A lady was much taken with the words of wisdom that appeared in a column in one of the daily papers under the heading "Advice to Mothers." She decided to interview the writer of these hints in person. On arrival at the office she asked for the lady who wrote the "Advice to Mothers," and the office boy replied: "That's him, in the pink shirt, smoking a cigarette."

Send Them In.

If you have any Twentieth Century troubles of your own you would like us to tackle, send them in. We don't do this all alone and can bring the experience of many wise men to bear upon your problem.

Chemical Fertilizers.

C. R. wants to know whither we are drifting in the matter of chemical fertilizers and whether such fertilizers are not doing more harm than good. While it is no doubt true that harm has been done by the too free use of chemicals, it has undoubtedly resulted entirely from mistakes or a misunderstanding of the power of the substances used. It has been predicted that it will not be long before every grower will have his little chemical laboratory and we are inclined to believe the prophet.

Retail Credits.

Ein Deutscher writes: "I read with interest the articles in the Review on credits. It shows that something is being done to abate the credit evil. The great loss on charged accounts is due to the unwise credit extension to customers who have no appreciation of the business or moral obligations involved. An axiom of ecoromics is: 'That which is common loses its savor.' When unpaid for wares are displayed everywhere, what will conscientious buyers do to compete with such a display?

"If the tradesman will bear in mind that it is a sound business principle to cover the cost of production he will be better off financially when the fiscal year is up. Tradesmen are awaking to the seriousness of losses on credit sales and find when they check the evil in whole or part they are uplifting the ethics of trade."

W. F. G. says: "In reference to the question of credits to retail customers, will say we have been in the retail business eleven years and by careful observation and using ordinary judgment, we are pleased to say that the credit question gives us little trouble. As a rule, we find most flower lovers and buyers to be honest. Although we have a rather large list of credit customers, we have no reason to regret extending credit generally, for in very few instances have we gone amiss or found difficulty in collecting our bills.

"But one matter we consider of utmost importance, and that is to keep the books posted up to date, so a customer can at a moment's notice have the amount of his account should he call for it. Another important thing is to mail a statement to each and every customer on the last day of each month. This avoids much misunderstanding and facilitates bringing in the cash. We feel that with ordinary judgment on the part of the proprietor and clerks, florists need lose very little money through bad bills."

BUFFALO.

Business has been pronounced rather quiet for the past two weeks and with the exception of violets the supply has also been quiet. Roses have been quite scarce and carnations might be much more plentiful to the advantage of both grower and retailer. A few parties are straggling along, and will, we hope, till Lent begins.

Mr. C. F. Christensen with all his salt and gypsum water has been producing a grand lot of carnations. They have been and are now a very high quality. Most of them, and these the best, were never planted out of doors. They were kept in 3-inch pots till the first of August and then planted on the benches and the glass put on toward the end of September. Crane, White Cloud, Joost and Bradt have been his bread winners.

At last the Webb greenhouses at Corfu have changed hands. The place has been purchased by Mr. George Troup, the very able superintendent of Forest Lawn Cemetery. Mr. Troup is not going into the flower business. Oh, no. Buffalo could not spare him. But he has a son for whom the place is purchased. There is lots of room in these houses and this winter indicates that the supply is not yet overdone and never will be for the

right quality, so we look for a success with this new firm.

We had Mr. Withers, proprietor of *American Gardening*, with us on Saturday and had a good ramble over the grounds of the Pan-American. Mr. Withers was, to say the least, delighted, and to use his own words as we stood on the grand Esplanade, "You have got the Worlds' Fair beat." Mr. Withers is taking a sincere interest in the cut flower exhibits to be held during the summer and we are grateful for it.

W. W. Greene.

Yesterday arrived a large delegation from the woolly west—but Chicago does not call itself west. It's the metropolis of everything outside of New York City. There was in the party Mr. J. C. Vaughan, Mr. Barker of *The Florist*, Mr. Kanst, Jr., Mr. Beatty of Oil City and a good looking gentleman from Chicago not in the trade. They saw about all there was to see of our great undertaking and they, too, were amazed and delighted. Nothing pleased Mr. Vaughan more than the wonderful coloring of the beautiful buildings. As he leaned back in admiration of the Towers of the Electricity Building and its charming tints he exclaimed that "it possessed all the component parts of a peach."

I don't get around among the boys as much as I used to and I miss little items, and they must excuse my omissions. One serious mistake was failing to tell you of the splendid Xmas box that Mrs. S. A. Anderson presented to her husband. It was splendidly timed and arrived in perfect order, and it was one of those presents that you don't tire of or only to be used on state occasions. We hope it will last as a joy for years and, although the present may be duplicated a dozen times, this one will be highly prized because its selection was a source of great anxiety. It was in short (about 15 inches) a fine boy. W. S.

GREENE & UNDERHILL.

The firm of Greene & Underhill, Watertown, N. Y., is widely known to the trade all over the country through their extensive shipping business in young plants and rooted cuttings and we have pleasure in presenting herewith portraits of the members of the firm and of Mr. W. W. Greene, the founder of the business.

When established by Mr. Greene, Sr., in 1875, the glass consisted of but one house 16x50 feet and it was at first conducted as part of his business as a vegetable grower. Now there is 40,000 feet of glass and the stock of plants is one of the most varied in the country. Mr. J. Frank Greene became a partner in his father's business in 1878 and when W. W. Greene retired about five years ago Geo. H. Underhill acquired an interest and the present firm name was adopted.

A considerable local business is done but this is exceeded by the trade in small plants which are shipped to other florists at other points. New geraniums have been rather a hobby with the firm and any novelty that possesses merit is sure to find a place in their stock.

J. Frank Greene.

As seen by the pictures the members of the firm are in the early prime of life and have many years in which to further build up their large business.

CHICAGO.

The Market.

Good roses are scarcer than ever and it is doubtful if first class roses were ever before in so short a supply at the season. Prices are held sharply up to quotations in consequence. Of poor grade carnations there is an abundance but of the higher grades there are none too many. The general supply seems to be somewhat less in volume than last year, but demand also seems rather smaller, though there is sufficient to keep roses at a much higher level on account of the serious shortage. Carnation prices are averaging rather less than at the same time last year.

Violets are moving more slowly than ever and the returns to the grower will surely run much below those of last season. Only the very best sell fairly well and these bring only $1.00 to $1.25 per 100. Poorer grades, or those that have been held, have been cleaned up at as low a figure as 5 cents a bunch and we hear of some accumulations that failed to "clean up" at any price.

Tulips are coming in and are in fair demand being made to take the place of roses wherever possible. Good long stemmed La Reine, Keizerskroon and Yellow Prince bring $4 and $5 while shorter ones go at $3.

Local trade has been far from brisk with the majority and funeral work has constituted the major part of it, hence white flowers have had rather the best of it in demand.

The shortage of roses is generally ascribed to the effects of the long stretch of unfavorable weather last fall when the foundation was being laid for the present season's work, the plants having never fully recovered. Those growers who got their plants through this trying period in fair shape are the ones who are now having the best cut.

Various Items.

At the meeting of the Florists' Club to be held tomorrow (Friday) evening at room 417, 40 Randolph St., the use of iron in greenhouse construction will be thoroughly discussed. The program includes a paper by W. N. Rudd covering the question in a general way and one by Geo. M. Garland on the advantages of the iron gutter and iron post construction. It will undoubtedly be a very interesting and instructive meeting.

The bowlers went to Milwaukee Saturday evening and report that they were gorgeously entertained during their brief stay. A full report of the affair appears in our Milwaukee news letter in this issue.

Geo. H. Underhill.

Mr. Peter Reinberg is very favorably impressed with the new pink carnation, Mrs. Leopold Ine, and will next season plant eight or more houses of it. It is a sport from Tidal Wave and is similar to Evanston except in color, which is almost identical with that of Crane. Its great advantage is that it carries a big Christmas crop, a time when Crane has generally been inclined to stand still. It originated with Mr. Leopold Ine at the Bohemian National Cemetery. Mr.

Reinberg is also much pleased with Guardian Angel and will plant a large lot of it the coming season.

Robert J. Purvis, a pioneer florist of this city, died at his home in Edgewater, Jan. 21, aged 88 years. The funeral was held Jan. 24 and interment was at Rose Hill.

Mrs. Chas. Eickholt of Galveston, Tex., returned home last Saturday after having visited Indianapolis, Richmond, and Lafayette, Ind., as well as points nearer Chicago. She expressed great appreciation of the many courtesies shown her by the craft everywhere and leaves for home with the kindest remembrances of her northern friends.

The name of Mr. O. L. Baird, Dixon, Ill., was accidentally omitted from the list of those present at the carnation meeting and on the excursion to Joliet.

John Blanek, the 43d St. florist, had his stock of plants frozen recently as the result of an accident to his heating apparatus. This precipitated pending financial difficulties and a receiver is in charge.

H. C. Frese has given up his retail store at 72 State St. As his health is very poor his retirement from business will probably be permanent.

C. F. Klunder has left Mangel and has opened a store on his own account at 2206 Michigan avenue.

E. H. Hunt has made numerous changes in his establishment, enlarging the office space and adjusting the various departments to the increased room available through the absorption of the space formerly occupied by A. G. Prince & Co.

Mr. Judson Kramer, Cedar Rapids, Ia., was a visitor last Tuesday.

BOSTON.

Trade Conditions.

There is no change in trade conditions since last week. Just a fair demand and the general supply short enough to keep prices well up, especially upon small roses. Bulb goods and violets are perhaps not quite so plentiful as last week and are bringing a trifle more. Scarcity of green material is not quite so marked.

Various Items.

Geo. A. Sutherland is breaking up housekeeping at the old stand on Bromfield street and moving into his new quarters at 34 Hawley street, to which address all telegrams, telephone, mail and express orders should be sent after Feb. 11.

A second telephone has been installed at the Park street market as a sort of safety valve to prevent so much profanity in the line of men waiting to use the old one, as well as to better accommodate those at a distance who try to call up salesmen in the room during the busy hours. Better service will probably now be obtained, especially in the morning, by using the new number "Haymarket 764." Persons using a 'phone at the market, however, will confer a favor by using the old one, the new number being of limited service.

J. W. Howard has contracted to supply the Boston & Maine R. R. with fifty thousand bedding plants about June 1. The list includes achyranthes, alternantheras, cannas, caladiums, coleus, feverfews, geraniums, lobelias, zinnias and salvias. This is one of the largest orders ever placed in this vicinity, and the company can hardly fail to receive satisfaction in goods supplied by this grower, especially at so late a date.

F. W. Fletcher has sent in a hundred cuts of Roman hyacinths with the claim that they are the first ever offered for sale from strictly American grown bulbs. Naturally the buyers do not care whether they are grown under the spreading wings of the bird of freedom, or in Amsterdam, Rotterdam or any other place, but the fact is they are A1 specimens and worthy of a scream from the hooked beak of the would-be conqueror of Aguinaldo.

Horticultural Hall was crowded on Saturday, Jan. 26, to hear Benjamin P. Ware's description of Kew Gardens and the grounds of Hampton Court. His talk was rich in simplicity and clearness, and the huge pictures thrown upon the screen were ample proof that while we may be getting ahead of them in the matter of manufactures and mining, the aggressive Britons need no horticultural assistance.

If the expression "Bright on" in last week's communication be read "Brighton" perhaps the meaning will be made clearer. J. S. Manter.

PHILADELPHIA.

Trade Conditions.

Business continued active during the past week. The prospects are that the remaining three weeks and two days of the season (it will be but two weeks and two days when these notes appear) will be very active indeed. There are several large balls, including the second Assembly, numberless teas and days at home, a few weddings, St. Valentine's and many small parties, dinners and so on all to be crowded into this short time before Lent.

Prices are holding well and on good stock they will probably continue to hold at least until February 20.

Plant Sales at Christmas.

Four of the leading wholesale plant growers have given kindly response to the Review's request for information regarding the Christmas plant business. These answers follow:

I cannot say that I noticed any material increase in the sales of palms that I considered were purchased for Christmas stock. Many buyers, to save heavy express charges, lay in the bulk of their stock, including that for Christmas, early, often during October or November, when shipments can be made by freight.

I think the season of 1900 was an exception to this custom. October and November being so very mild the sales of such stock were affected to a considerable degree, many buyers holding back their orders until there should be more demand. My sales for October and November were behind what I expected, yet for December were nearly 50 per cent in excess of the average for the same month of the five preceding years. I find my sales for the four months previous to Jan. 1 about 10 per cent ahead of the average of five years preceding for the same period. This I consider satisfactory.

Kentias, Latania Borbonica and Areca lutescens from 6-inch to 8-inch pots were the sizes most generally asked for. The demand for plants larger than are usually grown in 10-inch pots was less I think than usual. Well grown, shapely Latanias held a good place in the list of favorites. Livistona rotundifolia, Pandanus Veitchii and Dracaena terminalis all sold readily. Cocos Weddeliana and small Kentia Belmoreana for fern dishes were used in the usual quantity. I think palms and foliage plants held their place, notwithstanding the great number of flowering plants sold for Christmas.

Chas. D. Ball.

I find that the palms that I grow are not wanted for the holidays. It seems that plants of bright colored foliage or flowers are what are needed at that season.

Joseph Heacock.

I sold out clean all good pot plants of Begonia Gloire de Lorraine and its delicate pink sport (Light Pink Lorraine) for Christmas, and could have sold many more, as the demand with us was much greater than last year, and the prices were better for the larger sizes. As an indication: For Christmas, 1899, $3.00 per plant in 6-inch pots was the highest price paid; for last Christmas (1900), for the same sized pot, $4.00 was more readily secured than was the $3.00 paid the year before.

Edwin Lonsdale.

My Dear Friend: I never bother my head about writing articles for publication. My head is too small, therefore it contains but little and that little I wish to spend for my selfish enjoyment.

Wm. K. Harris.

[Fie, Deacon, Deacon! This won't do. I'll ne'er believe such yarns of you. Phil.]

It will be seen that Messrs. Ball and Heacock virtually agree that a wholesale grower cannot estimate the Christmas demand for foliage plants with any degree of accuracy, as the retailers purchase stock earlier, selling it right along from the time cold weather sets in until the holidays.

With regard to blooming plants there is no question that the demand has greatly increased. It is learned from several sources that not only Begonia Gloire de Lorraine but also cyclamens, poinsettias, and several other varieties of flowering plants, were in short supply. The holiday market will undoubtedly take more of this class of plants in the future, but I do not think the weather conditions in our latitude will ever permit of the plant business rivaling the cut flower business in midwinter.

Ladies' Night.

Ladies' night at the club was celebrated last Wednesday night with a reception, games and light refreshments. I was not fortunate enough to be present on the occasion, but those who were there seem to have enjoyed themselves very much. Phil.

ST. LOUIS.

The Market.

Business remains about the same as reported last week with perhaps rather more than the usual amount of funeral work. The weather has been delightful and flowers of all kinds have become more plentiful. There is a fair demand for roses when they are of first quality. The West End florists report that last week dinners, weddings, receptions and other entertainments made a call for large quantities of choice cut flowers. The downtown florists have had plenty of

funeral work and a good counter trade.

Very few fakirs are now seen on the streets as flowers are too expensive for them to sell on the corners.

The rose market has been very good. The best Beauties sold from 25 to 50 cents each and are a little scarce at that. Brides and Maids have been in good demand at from $5 to $8; Perles and Wootons, $2 to $4; Meteors and Golden Gates, $4 to $8. Perles are rather scarce.

Carnations are grand in quality and the demand great. Daybreak, Scott, White Cloud and Crane are looked for the most. Fancy stock brings $2.50 to $3, but $2 is about the average price. The Chicago Carnation Co.'s stock has a great call; so has Dumford's and Klockenkemper's stock.

The bulb stock shortened up somewhat last week. Both Romans and paper whites sell at $2 and $3; freesias, $1.50; valley, $2 to $4; daffodils, $4. Callas have a good call at 15 cents each.

Violets are in fine demand with plenty of them on hand at 40 cents per 100 and 30 cents in 1,000 lots for the best. Californias, small single and double, are out of the market.

Various Items.

Our visitor this week is our old friend, A. L. Vaughan, representing Hagemann & Meyer, New York. Lloyd reports that the bulb trade is greater than ever.

Ellison & Tesson have closed their uptown store but will continue the one at 625 Olive street. Mr. Wm. Ellison will soon leave for California for his health.

John Quinn, the North Grand avenue florist, reports good trade during the present month.

The club meeting which will be held Thursday afternoon, February 14, at 3 o'clock should be well attended as the annual rose show will be held. The prizes of $5, $3 and $2 for the best vase of 50 roses is for the local growers only. Entries are filling up fast and a great show is expected. The show committee will make its final report and the new one will be appointed for this year's show. Everybody is invited, regardless of membership. President Guy and Secretary Schray expect the largest attendance in the history of the club.

Bowling.

The bowling club had a good time Monday night, nine members being present. A. L. Vaughan was a visitor and rolled two good games. The following scores were made:

	1.	2.	3.	4.	Total.	Av.
C. A. Kuehn	170	147	190	204	711	178
J. W. Kunz	140	180	192	150	662	165
J. J. Beneke	147	180	171	156	654	163
F. C. Weber	..	138	188	125	471	157
Will Adels	169	179	109	153	610	152
C. C. Sanders	..	141	148	..	289	144
F. M. Ellis	..	124	91	128	343	114
John Young	..	91	100	152	343	115
Theo. Miller	..	99	115	104	318	106
A. L. Vaughan	..	173	189	..	362	181

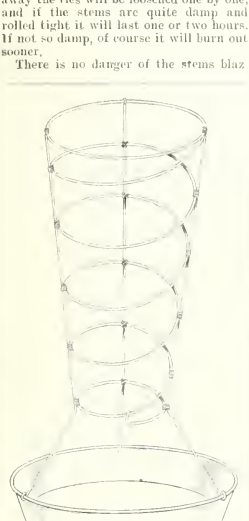
J. J. B.

A FUMIGATOR.

I send you a drawing of a tobacco fumigator that I designed myself and which I find superior to anything else of the sort I have ever tried.

In using it I first break or cut up corncobs in small pieces and soak them in coal oil for future use. I put one of these pieces in the bottom of the fumigator, light it and set a bunch of stems on the blaze. Then I roll up a bunch of stems that have been made quite damp, about 3 inches in diameter and 12 to 20 inches long, using ties of common wrapping thread 3 or 4 inches apart, and set one end of this on the fire, the roll being held upright by the wire frame. As it burns away the ties will be loosened one by one, and if the stems are quite damp and rolled tight it will last one or two hours. If not so damp, of course it will burn out sooner.

There is no danger of the stems blaz



A Fumigator.

ing. I find the tightly inclosed fumigators burn out before they are very old. This one never gets hot on top and will last for a long time. J. BALDWIN.

Lafayette, Ind.

BALTIMORE.

Various Items.

We have had here the first snow of the winter, about six inches in the suburbs, and not melted yet, but going down slowly to replenish the springs below, which is greatly needed, so severe a winter drought as that prevailing being very rare in this locality.

For the week ending with this writing (Jan. 28) trade has been very good, though the scarcity of flowers is remarkable. The crops of nearly all growers appear to be off at once, and the stores find some difficulty in securing their daily supplies, while the exchange has been at times completely bare. Prices, consequently, both of carnations and roses, are advancing. Some good mignonette is coming in, and the supply of violets is enlarging. Of greens, smilax is overabundant, but asparagus is scarce. Sprengeri does not take the place here of plumosus and can only be substituted for it when the latter is not readily had. Yet for masses and heavy work it is very effective.

The Carnation Meeting.

The interest in the carnation meeting and show naturally increases. For the exhibition, which, of course, will be a free one, 10,000 tickets have been printed, and these will be distributed through the agency of the florists of the city. This serves the double end of making them responsible for the character of the attendance, and, as there is no other way in which admission may be secured, their customers will feel a certain sense of appreciation of the favor shown in their receipt.

In the hall the exhibits will be placed on low benches, so that the flowers will be seen from above, and thus to more advantage than when the stages are high.

The committee on general arrangements and the banquet held a meeting this evening. It is expected that the mayor of the city and the president of the park commission will both be present and respond to suitable toasts. As to the feast itself, of course the bivalves, the Malaclemmys palustris, and the ducks, which have made this region famous as a gastronomic center, will under the inspiring direction of Mr. Seidewitz, be marshaled in in the most approved shapes.

Add to the list of those erecting new greenhouses, Robert L. Graham, who is about starting two, each 20x100 feet, for roses, at his place at Waverly. And yet only one brief year ago he put it it on public record that he would never, never build another!

The calla continues to succumb to disease and many growers find themselves entirely denuded of stock. RIX.

NEW YORK.

The Market.

Business continues very good with some and fairly good with the great majority. It has been and promises to continue to be a prosperous season for the flower and plant trade. Some kinds of important stock has been exceptionally scarce as compared with other years, particularly so with good roses. The weather, of course, is always a most powerful element in the business, and it is only natural to heap the blame upon it.

It has been a very mild winter in New York; so far very little snow has fallen and bright frosty days have been few as compared to the dark and murky ones. Rose growers have had considerable trouble in dividing their scant output into the innumerable grades one hears quoted on the market, and exceptionally high prices have been a consequent outgrowth of insufficient supply.

Following are the prices per 100 that prevail in this market at present, the grades being special, fancy, extra, No. 1, No. 2 and No. 3: Beauties, 75, 60, 50, 20, 10; Brides and Maids, 30, 20, 15, 10, 5; Meteor, 20, 15, 12, 6, 3; Liberty, 50, 30, 20, 15, 8; Golden Gate, 20, 15, 8, 3; Brunners, 75, 50; Cusins and Morgans (only extra and No. 1 and 2 offered), 15, 8, 3; Cattleyas, 50; violets, 50 to 1.50; valley, 2 to 3; smilax, 15 to 20; carnations, ordinary, 1.50; fancy, 4 to 6; asparagus, 50.

Spring flowers, especially of the bulbous line, are becoming very plentiful, and of course it is an easy matter to make a fairly good show of one thing or another. And then a greater quantity of flowering plants, the forerunners of Easter, are appearing and this with other combinations, will, it is thought, lower the market values considerably within the next two weeks.

Very many of the florists have been

suffering from grip, and many among the wholesalers have been laid up by the usual spring epidemic of poisoned fingers from the thorns of certain roses.

The second and third weeks of February promise to be lively ones floriculturally speaking. The Florists' Club will have a "Carnation Night" at their meeting on February 11. Any one having new carnations to show will please note this. John H. Taylor, of Bayside, L. I., will speak at the above meeting on his experiences with "Carnations disseminated in 1900." This will surely be a great night at the club.

The New York Gardeners' Society will hold a carnation show on Saturday evening, Feb. 9, at 47 West Forty-second St. Prizes will be offered for new carnations of every color, and the products of the leading private gardeners will be shown at this meeting. Commercial growers wishing to send their novelties will find this a good opportunity to show them to advantage.

The American Institute will hold a flower, fruit and vegetable show on February 13 and 14, at the Berkeley Lyceum, 19 West Forty-fourth St.

The New Jersey Floricultural Society will have a flower show at their annual dinner, which will take place at Lindley hall, Orange, N. J., February 6. All these affairs promise an immense amount of good to those who can attend.

J. I. D.

SEEDS.

Newell Mix will engage in the seed business at Carthage, Mo.

H. T. Lape, Roseville, Ill., has fitted up one of his warerooms for the seed business.

Arthur King has entered the employ of M. Perkins, seed merchant, Winnipeg, Man., as traveling solicitor.

C. W. Scott, of Edgerton, Kan., has discontinued handling grain and will continue the seed business only.

Exports of clover seed from New York for the week ending Jan. 19 were 1,752 bags; compared with 1,200 bags a year ago

The arbitration committee of the Chicago Board of Trade on grass and field seeds, for the ensuing year, is composed of Thomas M. Hunter, Alex Rodgers, C. A. Heath, Albert Seckel and F. E. Winans.

Seed distribution by the government on a more rational plan has been devised by Frederick V. Coville, botanist of the Department of Agriculture, with a view to carrying out the original intention of the department for the testing of new and rare seeds.

Timothy seed amounting to 10,049,000 pounds was exported during the eleven months prior to Dec. 1, as reported by O. P. Austin, chief of the bureau of statistics; compared with 13,606,000 and 11,536,000 pounds during the corresponding periods of 1899 and 1898.

Exports of other than clover and timothy grass seeds during the eleven months prior to Dec. 1, as reported by O. P. Austin, chief of the bureau of statistics, were valued at $134,000; compared with $137,000 and $149,000 during the corresponding periods of 1899 and 1898.

Clover seed amounting to 20,800,000 pounds was exported during the eleven months ending with Nov. 30; compared with 24,121,000 pounds and 22,911,000 pounds during the corresponding periods of 1899 and 1898, as reported by O. P. Austin, chief of the bureau of statistics.

Chicago shipped during the week ending Jan. 19, 965,000 pounds of timothy seed, 400,000 pounds of clover seed, 6,000 bushels of flaxseed, and 156,000 pounds of other seed; compared with 1,166,000 pounds of timothy seed, 437,000 pounds of clover seed, 43,000 bushels of flaxseed, and 247,000 pounds of other seed, during the corresponding week a year ago.

Chicago received during the week ending Jan. 19, 351,000 pounds of timothy seed, 404,000 pounds of clover seed, 58,620 bushels of flaxseed, and 317,000 pounds of other seed; compared with 1,250,000 pounds of timothy seed, 121,000 pounds of clover seed, 33,050 bushels of flaxseed, and 98,000 pounds of other seed during the corresponding week of 1900.—*Grain Dealers' Journal*, Chicago.

CLOVER SEED.

Under date of Jan. 26, C. A. King & Co., Toledo, O., say:

Clover seed has improved a trifle the past week. Movement has been smaller, both in and out. Domestic buyers have hesitated a little, as they will not need the seed until later, when they hope to secure it cheaper. It will require larger receipts to help them out. Bulls have realized on a little, but the leading longs continue stubborn and own most of the stock here. They talk seven dollars for their old prime. They have plenty of money and are patient waiters.

Stock here now is a trifle less than the amount carried over from last season. No official report is made of it. Majority estimate it from 35,000 to 40,000 bags. Bulls predict that the February, March and April shipments from here will aggregate fully 50,000 bags. Last season they were 73,000 bags, against 67,000 the year before; 64,000 two years ago, and 50,000 three years ago. There will be very little disposition to carry seed over at present prices.

Receipts today 193 bags, making 1,073 for the week, against 2,095 year ago. Total this season to date 52,760 bags, against 109,800 year ago; 58,000 two years ago; 119,000 three years ago; 48,000 four years ago, and 108,000 in 1894.

Shipments today were fair. They were 672 bags, making 4,053 for the week, against 5,416 a year ago. Total this season to date, 58,000 bags, against 91,900 a year ago; 33,000 two years ago; 70,000 three years ago; 10,000 four years ago, and 93,500 in 1894.

Today the market was quiet and firm. Short day. Speculation quiet. Good demand low grades. No. 2 by sample $6.42½@6.57½. Rejected, $6.37½@6.40, with one good lot at $6.80. March $7.30@7.37½. 1899 prime, $6.70 bid. 1898 prime, $6.50 asked. Receipts Monday will be small, but will probably be fair next week.

St. Joseph, Mo.—The Farber Seed Co. has been incorporated with a capital stock of $3,000. It is divided into fifty shares of $100 each and one-half is paid up. The stockholders are Alice R. Farber, twenty-four shares; J. C. Farber, one share; William D. Graham, twelve and a half shares and Horace Stringfellow, twelve and a half shares The life of the incorporation is to be ten years.

A meeting of the executive committee of the American Seed Trade Association was held at the Hotel Walton, Philadelphia, Jan. 28, to arrange details for the meeting of the association to be held next June.

Every Subscriber is entitled to a 35 word want adv. free during the year.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

Situation wanted—In Chicago, by young man; life experience in establishments large and small, east and west; A No. 1 grower of roses, carnations, violets, orchids, lettuce, bedding plants, palms, ferns. Address E. J. B., care Florists' Review.

Wanted—Competent and experienced maker-up and decorator. Address with reference, salary and full particulars, J. J. Habermehl & Sons, Diamond and 22nd Streets, Philadelphia, Pa.

For Sale—Lease of greenhouses—6,000 square feet of glass—and stock; all in good condition; within 12 miles of Chicago. Address E. B. C., care Florists' Review.

For Sale—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

For Sale—Greenhouse property, 4,000 ft. of glass, well stocked with Carnations, Smilax, Lilies, Primroses, Lettuce and full line of bedding plants in the best shape; 1 acre land, good residence, 25,000 population, in center of Wisconsin. Owner wants to go out of business on account of ill health. Address Wisconsin, care Florists' Review.

For Sale—Part interest in 6,000 feet of glass in growing southern seaport city; fine market; general stock; healthy fine climate; will sell at a bargain; have other business. Address Southland, care Florists' Review.

For Sale—A well established florists' business, containing over 4000 feet of glass in first class running order, heated by steam and well stocked with plants for Easter and Spring sales. A grand opportunity for a starter. Will sell at a bargain. Reasons for selling, owner would like to return to Germany. Address A. Schoepen, Marietta, Ohio.

For Sale—Nursery and Fruit Farm, three miles east of Dublin, Tex. 125 acres, 55 acres in orchards, viz.:—25 in apples, 10 in peaches, 5 in plums and 5 in blackberries, etc. A well established nursery, been in operation 18 years; 2 pastures of 10 and 50 acres; 100 5-year old walnut trees in smaller lots, all both enclosed by hog and goat proof fence, cedar posts; tenant house, good barn and crib, store house, packing house, 2 good cellars, well and windmill, cistern, good dwelling; cost over $3,000; the most desirable place in Erath County. Price $8,400. $3,000 cash, balance easy payments.

J. W. Higginbotham, Dublin, Erath County, Tex.

FOR SALE. Greenhouse plant of 6 houses in Jersey City, well stocked and in full operation. Address JOHN MORRELL, 82 Madison Av., Jersey City, N. J.

FOR SALE A florist's place of 3 acres, 8 greenhouses, each 75 feet lor g and 17 feet wide, heated with hot water, stocked with carnations, smilax and violets; trolley passes the door, village water, good dwelling and stable, six minutes to station on the Harlem R. R., short distance from New York City, population over 10,000. The place must be seen to be appreciated. A good chance for a live man. Address P. O. Box 25, Greenwich, Conn.

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For Sale.

An interest in one of the largest and most widely known Floral Establishments can be purchased by a live man with greenhouse experience. Located in a city of over 200,000 inhabitants, in a Middle State. Catalogue, cut-flower and plant trade established. For the right man no better opening could be desired.

For particulars address X. N., Care of Florists' Review, Chicago, Ill.

FOR SALE—GREENHOUSE PROPERTY AT NYACK, N. Y. A plot 220x125 feet, on which are four Rosehouses, 100x18x6, each house heated by a No. 16 Hitchings Boiler, and seven houses, each about 64x11 feet, heated by flues. This property will be sold cheap to quick cash buyer.
HITCHINGS & CO., 233 Mercer St., New York.

Always mention the Florists' Review when writing advertisers.

PALMS for Decorating and for Immediate Retailing.

Our stock of the useful every day sizes of Palms is larger and more complete at the present time than it has ever been at this season of the year, and stocks offered below will be found of excellent value and give complete satisfaction.

ARECA LUTESCENS.	Doz.	100
5-inch pots, 4 plants in a pot, 18 to 20 inches high	$ 5.00	$ 40.00
6 " 3 " " 20 "	9.00	75.00
6 " 3 " " 24 "	12.00	100.00
8 " 3 " " 36 "	36.00	

KENTIA BELMOREANA.	Each	Doz.
6-inch pots, 6 leaves, 24-inches high	$ 1.25	$ 15.00
6-inch pots, 6 to 7 leaves, 28 inches high	1.50	18.00

KENTIA FORSTERIANA.	Each.	Doz.
6-inch pots, 5 to 6 leaves, 24 to 28 inches high	$ 1.00	$ 12.00
6 " 6 " 28 to 30 "	1.25	15.00
6 " 6 " 30 to 36 "	1.50	18.00
7 " 6 to 7 " 30 to 36 "	2.00	24.00
7 " 6 to 7 " 36 to 42 "	2.50	30.00
9 " 7 " 60 "	7.50	
12 " 6 to 7 " 6 feet high	10.00	
12-inch tubs, 6 to 7 " 7 to 8 "	12.50	
12 " 6 to 7 " 7 to 8 " heavy	15.00	
12 " 6 to 7 " 8 to 9 "	25.00	

LATANIA BORBONICA.	Doz.	100
6-inch pots, 5 to 6 leaves, 15 to 18 inches high	$ 6.00	$ 50.00
6 " 5 to 6 " 18 to 20 "	9.00	75.00

PHOENIX CANARIENSIS.					
7-inch pots, 30 inches high	$1.50 each	9-inch pots, 42 inches high	$3.00 each
8 " 36 "	2.50 "	10 " 48 "	4.00 "

KENTIA FORSTERIANA.

HENRY A. DREER, 714 Chestnut Street..... **Philadelphia.**

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Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

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Princess of Wales

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Young plants for sale $2 per 100, $15 per 1000.

WM. SIM, - - Cliftondale, Mass.

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J. AUSTIN SHAW, 271 Broadway, New York,

Special Agent for this country.

Send check for $2.00 and volumes now ready will be sent **at once, express prepaid. Pay balance $2.00 monthly.** Four volumes, $5.00 per volume. Over 2,000 pages and illustrations.

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THE Review's classified advs. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

NOTICE! TO WHOM IT MAY CONCERN.

Offer to hold good as long as stock lasts.

NARCISSUS VON SION, double yellow, mammoth bulbs, the finest in the country, only a few left, $14.00 per 1000; $1.50 per 100.

HYACINTHS, EXHIBITION BULBS, true to name, only $65.00 per 1000; $7.00 per 100. " for forcing in pots, extra fine, separate colors, $4.00 per 100.

TULIPS, in the leading varieties, in any quantity. Only one quality handled, THE BEST.

CROCUS, in separate colors, $2.00 per 1000.

CHINESE SACRED LILIES, 120 bulbs in a mat, $4.00 a mat. Special low prices on large quantity.

GLADIOLUS, THE BRIDE, the finest bulbs grown, guaranteed, the true and pure white stock, only $5.00 per 100.

AZALEA INDICA, all sizes and varieties, only a few left.

Prices on **Crimson Rambler, H. P. Roses, Hermosa, Clematis, Azaleas Mollis and Pontica, Box Trees,** large and small. **Lilacs** in all varieties. **Paeonia sinensis** true to name, **Spiraea Japonica, Compacta Multiflora and Astil. Floribunda,** to arrive shortly, will be cheerfully given then.

F. W. O. SCHMITZ, Jersey City, N. J.

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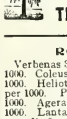

Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts. per 100, $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var. $1.00 per 100. Geraniums, 2½-in., all named, $2.50 per 100; $20.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

S. D BRANT, Clay Center, Kans.

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J. L. ELLIOTT'S Pure Pulverized **Sheep Manure**

Pure Raw Bone Flour and Hardwood Ashes for sale.

Sample and price list mailed on application.

Office and Factory... **645 Canal St., Bethlehem, Pa.**

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NICE PLANTS. Per 100

Alternantheras, yellow, **$1.75**; red,	**$2.00**
Geraniums, my selection	**3.00**
Coleus Mix and Ageratum	**2.00**
Asparagus Sprengeri	**2.00**
Vinca Vines	**3.00**

Cash or C. O. D.

JOS. H. CUNNINGHAM, DELAWARE, OHIO.

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PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $4.00 per 1000. f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

MILWAUKEE.

The Chicago Florists' Bowling Club paid us a visit last Saturday evening (Jan. 26). A delegation from the Milwaukee Club met the boys at the depot and it was unnecessary to see them in order to know they were on the train. When hardly off the train the "On the warpath" cry was given and the echo of it must have died away in Chicago. They presented a comical sight, being arrayed in a top gear of various colored crepe paper pot covers, and their march through the main thoroughfares on their way to the alleys made the natives think that the outbreak of the Snake Creeks had struck the town. Fortunately the policemen were off their beats or frightened away, for we reached the alleys safely.

The odds ran high during the first game, but the books were closed before the finish of the second. Some one said Hauswirth made 255 once, when he started off with a strike and we wanted him to do it over again, for we didn't see it. Coulson don't deliver his ball like a bonafide florist and did the best for Chicago. Degnan bowled his regular game. Stollery missed his brother and some easy spares. Asmus had it all fixed to beat Pollworth and was backed that way, but George was overworked. Benthey had on somebody's league shirt, but he wasn't in it. A good many of Kreitling's strikes are due to his wonderful control of the ball after it has left his hand. Balluff is a great success at a pinch when he isn't needed. Winterson looked pleasant, but it was hard on Eddie. Their own umpire showed no partiality. Don't think Rudd was intended for a mascot; he had an extra lucky stone along. The scores tell the rest—but let's forget it.

CHICAGO.

	1st.	2d.	3d.	Total.
Asmus	146	166	138	450
Stollery	152	106	145	403
Benthey	157	115	150	422
Kreitling	119	114	152	385
Hauswirth	154	129	136	419
Degnan	136	145	157	438
Coulson	199	177	145	521
Winterson	183	181	126	500
Balluff	186	135	135	456
	1,432	1,328	1,314	4,074

MILWAUKEE.

	1st.	2d.	3d.	Total.
Pollworth	151	192	196	539
Zimmerman	130	158	158	446
Zweifel	124	159	119	402
Kennedy	112	142	134	388
Sylvester	158	97	147	402
Klokner	196	179	162	447
Edefsen	168	143	142	453
Holton	148	167	161	476
Runkel	136	109	172	488
	1,233	1,396	1,412	4,041

After a few words of condolence following the games the boys sat down to a banquet at Kurtz's Hall and it's needless to mention the entertaining qualities of the Chicago members. At the close of the banquet all donned wax noses of various shapes and hied themselves to the exposition where the annual Brewers' Masquerade ball was in progress. Balluff as a clothing man from the "Ghetto" district was unsurpassed.

We regret being unable to reproduce the appearance of the boys in print as it was a most comical sight. May they come often. C. C. P.

Elmira, N. Y.—Geo. Backer has started in the business at 428 W. 4th St.

Cleveland, O.—S. N. Pentecost has added three new houses, two 26x120 each and one 11x74.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
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Wholesale Growers of and Dealers in CUT FLOWERS
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF.
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
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CUT FLOWERS.
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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WHOLESALE FLORIST,
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Special Attention given to Shipping Orders.
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CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
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Wholesale Dealers in Everything for Florists.

SEND FOR OUR 1901 CATALOGUE.

45-47-49 Wabash Ave., CHICAGO.

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NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

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Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity.

TRY US.

BRANT & NOE 124-128 Sixth Street N.

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Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

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VERBENA GRANDIFLORA. The finest large flowering varieties grown. Mixed, 10,0 seeds 50 cents.

CHINESE PRIMROSE. Finest grown. Large flowering fringed; 15 varieties, single and double, mixed. 500 seeds, $1; half pkt., 50 cents.

PANSY - FINEST GIANTS. Extra fine; the best of the mammoth flowering varieties, mixed. 3,500 seeds, $1.00; half pkt., 50 cents.

JOHN F. RUPP, - - Shiremanstown, Pa.
THE HOME OF PRIMROSES.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$9.00	to $12.00	per 100
Good " "	7.00	to 8.00	"
Perles		6.00	"
Meteors	9.00	to 12.00	"
Roses, our selection		6.00	"
American Beauties			
Long	7.00	to 9.00	per doz.
Medium	4.00	to 6.00	"
Short	1.25	to 2.00	"

Carnations, fancy	$3.00	to $4.00	per 100
" fine	1.50	to 2.00	"
" our selection	1.25		"
Smilax	1.50	to 2.00	per doz.
Ferns, Adiantum	1.00	to 1.25	per 100
" Common	1.50	per 1000	
Galax Leaves	1.50		"
Lily of the Valley	4.00	to 5.00	per 100
Roman Hyacinths	3.00	to 3.50	"
Violets	.75	to 1.25	"
Paper White	2.00	to 3.00	"
Asparagus	60c	per string	
Leucothoe Sprays	75c	per 100	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

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HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	6-inch pot	24 to 28 inches	$12.00 per doz.	$100.00 per 100
3 "	8 "	36 inches, fine	3.00 each.	

COCOS WEDDELIANA.

1 plant	3-inch pot	12 inches high	$ 25.00 per 100	
3 "	5 "	18 "	$1.00 each,	100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50 per doz.;	$ 35.00 per 100
6 "	6 "	24 "	15.00 "	125.00 "
8 "	6 to 7 "	30 to 32 inches high		3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4 50 per doz.	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00 each,	12.00 per doz.
6 "	5 to 6 "	30 "	1 25 "	15.00 "
8 "	6 "	36 to 40 "	3.00 "	36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

TOMATO PLANTS.

Beauty, in 3-inch pots..... $2.00 per 100.
Lorillard, in 3-inch pots..... 2.00 "
Lorillard, transplanted plants..... .50 "

Cabbage Plants, Jersey Wakefield, ready March 1st. Write for prices on large orders.

Smilax from flats sold out for the present.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

{ Commencing October 1st, 1900, will be open from 7:00 a. m., to 9:00 p. m. }

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

PITTSBURG.

Various Notes.

Cut flowers are not very plentiful this dark, cloudy weather and roses especially are very scarce. Business seems to move right along though, as there have been a number of decorations and some funeral work.

Charles Koenig, of Bennett, is sending in some good tulips. Mr. Koenig is growing roses and carnations this year for the first time, and is growing them well.

C. Blind's Sons, of West View, have two houses of Brides and Maids that are good, but their Liberties are not a success this year. They grow some good carnations, Bradts especially well.

Carnations have been rather plentiful in pink; white seems to be scarce. We are still looking for a good all-around white. Some Norways have been received from Weber & Sons, Oakland, Md.

At Burki's, in Bellevue, they are now grafting roses and propagating Beauties. Mr. Burki has purchased a farm of 210 acres with a gas well on it, some eighteen miles from here, far enough away from the smoky city to be clean. He has formed a company and secured 600 boxes of glass before the recent advance in price.

Randolph & McClements, East End, are very busy with decorations. At their Oakland place at Schenley Park entrance they have not only fancy chickens, dogs, pigeons, hares and fast horses, but a very nice lot of azaleas and palms.

Breitenstein & Flemm seem to be busy all the time. Their large windows are always tastefully arranged. Thos. Ulam, Neff, Murdock and Smith are not behind the times either.

The growers are praying for some clear weather.

BAER.

WINCHESTER, VA.—Fire did $300 damage to the greenhouses of Ardern & Pearson, Jan. 19.

RUTLAND, VT.—Mr. S. A. Baker, 117 Park street, has just completed a house 20x80 which will be used for growing lettuce.

PLEASANT HILL, MO.—Mr. Geo. M. Kellogg has had a siege of the grip but is now able to be about again.

LOWELL, MASS.—One feature of the inauguration day arrangements at city hall which attracted a great deal of notice and gained a lot of praise was the floral decoration. The bulk of the work was done by the firm of Whittet & Co., under the personal direction of former Alderman William D. Whittet. Good taste and good judgment were displayed in the entire floral arrangement. Mr. Whittet's floral work was ably supplemented by that of George W. Patten, who put up the mottoes "Welcome," and "Inauguration Day, 1901" which attracted so much admiring comment. The decorative work in the mayor's office was done by Harvey B. Greene.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

MANETTI ROSE STOCKS for Florists.

Ready for immediate shipment. Just the right size for florists' work. Suitable for 2½-inch pot. Send for sample and price. THOMAS MEEHAN & SONS, Germantown, Philadelphia, Pa.

Mention The Review when you write.

WOOTTON ROSES.

In 2½-inch pots, shifted from 2s.

If you are looking for something of this kind to do you good for Summer Blooming, order a 1 0 of these at once. Also a few White and Yellow **California Marguerites.** Don't forget to write us about **Boston Ferns,** also rooted cuttings of **Coleus.**

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

PLEASE YOUR CUSTOMERS and increase your trade by using the

"BEVERLY" FERN DISHES.

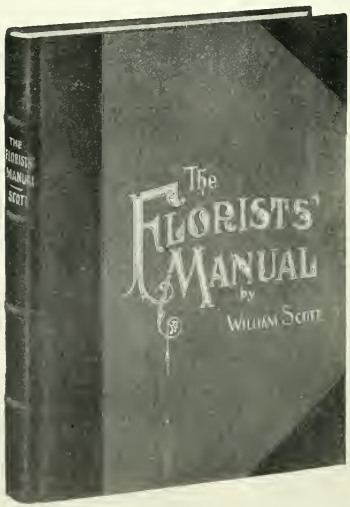
We use hundreds of them for the most exclusive Boston trade. Mail us one dollar for three sample dishes. The prettiest, cheapest, best and most effective fern dishes in the market. Made in several styles—from 6 to 12 inches diameter.

Send for Wholesale Price List. Address

NORTH SHORE FERNERIES. Beverly, Mass.

Mention The Review when you write.

AS A BIRTHDAY GIFT



TO AN EMPLOYE OR A FRIEND IN THE TRADE, NOTHING WILL BE MORE APPRECIATED THAN A COPY OF THIS BOOK.

Price $5.00 Delivered.

Florists' Publishing Co., Caxton Bldg., Chicago.

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS, per 100, $4.00
ETHEL CROCKER, " 4.00
FRANCES JOOST, " 1.50
WHITE CLOUD, " 2.00
RED JACKET, " 1.50
SCOTT, " 1.50
DAYBREAK, " 1.50
NEW YORK, " 1.50
VICTOR, " 1.50
GENESEE, " 1.50

WILLIAM SCOTT,
CORFU, Genesee Co., N. Y.

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BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 10,000 X X strong Bruanti, Grant, Heteranthe, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Frances Perkins, La Favorite, Mrs. J. M. Gaar, Mme. Bruant, Athlete and others. Choice varieties, true to name. Strong 2½-inch, ready for 4-inch, $2.50 per 100; $22.50 per 1000. **Rooted Cuttings** of the above varieties, X X strong, ready for 2½-inch pots, $2.00 per 100; $18.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $6.0 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¼-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per100; $5.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Boonatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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Climbing Roses.

TWO GRANDEST:

Climbing Kaiserin, white,
$10.00 to $15.00 per hundred.

Climbing Wootton, red,
$10.00..... per hundred.

Field grown, own roots, 2 to 3 feet.
Plenty of other sorts, bush and climbers, hardy and tender

THE HOWLAND NURSERY CO,
LOS ANGELES, CAL.

Mention The Review when you write.

LETTUCE, Big Boston and Boston Market, and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE, Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO, Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD

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59 WABASH AVE., CHICAGO.

WE SOLICIT A TRIAL ORDER.... ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Mrs. T. W. Lawson	$ 6.00	$ 50.00	Mrs. Francis Joost	$1.50	$12.50
Marquis	4.00	35.00	Evanston	1.50	12.50
Genevieve Lord	5.00	40.00	White Cloud	1.50	12.50
Dorothy, Irene	10.00	75.00	Flora Hill	1.50	12.50
Prosperity 6666	16.00	150.00	Gov. Griggs	1.50	12.50
Roosevelt	12.00	100.00	Triumph	1.50	12.50
Ethel Crocker	3.00	25.00	Melba, Dry weather	1.50	12.50
G. H. Crane	5.00	45.00	Mary Wood	2.00	15.00
Mrs. Geo. M. Bradt	2.50	20.00	Gold Nugget	3.00	25.00
Queen Louise	10.00	75.00	America	2.50	20.00
			McGowan Exclusive	1.00	8.00

ROOTED ROSE CUTTINGS.

			100	1000
Am. Beauty	Ready later	Bride's Maid	$1.50	$12.50
Liberty	Write for prices	Golden Gate	2.50	20.00
	100 1000	Kaiserin, Pearl	1.50	12.50
Meteor, Bride	$1.50 $12.50	La France	1.50	12.50

Florists ordering of us can rest assured of obtaining first-class stock, as we vouch for every cutting sent out.

WHOLESALE FLORISTS

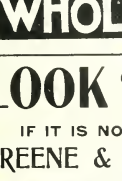
Mention The Review when you write.

LOOK on page 233, Florists' Review, Issue of January 17, 1901.

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.



CUT PRICES,...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.
Alternanthera, red and yellow, 60c per 100, $5.00 per 1000.
Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet, white; 60c per 100; $5.00 per 1000.

Heliotropes, 10 best varieties, all named, 75c per 100, $6.0 per 1000.
Daisies, 2 best vars., $1.00 per 100, $8.00 per 1000.
Verbena plants, 5 sing, full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000
Heliotrope, 2½-in., strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. TERMS CASH, PLEASE.

C. HUMFELD, - Clay Center, Kansas.

Mention The Review when you write.

FANCY DAGGER

HARDY CUT FERNS

Following prices after February 1st.

	Per 1 000		Per 1,000
In 1,000 lots..	**$1.25**	In 10,000 lots....	**$1 10**
In 5 000 lots..	**1 20**	In 25,000 lots....	**1 00**

L. B. BRAGUE, - - HINSDALE, MASS.

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If you need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of one cent a word.

100,000 R. C. CARNATIONS

READY TO SHIP

	Per 100	Per 1000
Mrs. Thos. Lawson, pink	$6.00	$50.00
Genevieve Lord, light pink	4.00	38.00
Ethel Crocker, light pink	3.50	30.00
Morning Glory, shell pink	3.00	25.00
Mrs. F. Joost, pink	1.50	12.50
Argyle, dark pink	1.50	12.50
Daybreak	1.50	12.00
William Scott	1.00	8.00
G. H. Crane scarlet	2.50	20.00
Chicago, scarlet	3.00	25.00
America, scarlet	2.50	20.00
Peru, white	3.00	25.00
Melba, light pink	1.50	12.50
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	1.75	13.00
Olympia, variegated	5.00	40.00
Mrs. G. Bradt, variegated	3.00	25.00
Armazindy, variegated	1.00	8.00
White Cloud	1.50	12.50
Flora Hill	1.50	12.00
Mary Wood	2.00	18.00
Gold Nugget, yellow	3.00	25.00

CASH WITH ORDER.

FT. DODGE GREENHOUSE CO.
H. E. MITTING, Manager. FORT DODGE, Iowa.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,
No Agent. ELLIS, MASS.

Mention The Review when you write.

GERANIUMS, mixed, fine 2-inch, **$2.00 per 100.**
Petunias, double fringed, 2-in., **$2.00** per 100. Also Rooted Cuttings of above at **1.00** "

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

KANSAS CITY, MO.

Various Notes.

If one should dare to remark that trade is quiet he would be looked upon as a back number here. "Sassiety" has been on a rampage now for four months and weddings and other social events of more or less magnitude have followed one another in rapid succession. The decorations for the banquet given at the Midland hotel for the Lumbermen's convention was the swellest job of this month and was executed by Willie Rock. Southern smilax, that most useful of all outside-grown decorative material, was used in large quantities, producing an effect that can not be equaled where bulk is required. In the center of the dining room was a bush made of 200 American Beauties. And what could have been more appropriate for the occasion than real logs hollowed out and filled with roses for table center pieces?

The demand for all kinds of stock is good, but unfortunately roses are off crop and retailers somewhat handicapped in getting enough to fill orders. The California violet which thrives here to perfection is now becoming a glut. Bulbous stock is coming on in supply and of better quality than in former years. Only a few Harrisii lilies are yet to be seen.

Last summer Mr. Ernest Weltner built a range of houses at Nevada, Mo., and is making a specialty of carnations. Judging from the quality of stock he is sending to this market, soil and climatic conditions must be favorable for the production of this flower in that location.

The writer spent a few hours recently in Independence, Mo., visiting the growers. Ed Bunyar has a model place well filled with young rooted stock, of which he makes a specialty, depending largely on a catalogue trade. Ed is sailing right along to prosperity, and is better prepared now than a year ago to meet increasing business. The indefatigable Broman sees more revenue in cut flowers and gives all his attention to that branch of the business.

We have a new firm in town. Two young men, representing themselves as floral artists, have located on one of the upper floors in the Altman building, soliciting orders for decorations. We have not yet had the pleasure of meeting these gentlemen and we do not know how long they intend to remain. H. J. M.

NEWPORT, R. I.—Wm. Hammond, an old time florist and gardener, died Jan. 21, aged 75 years. He was born in Ireland and came to America in 1848. He was at one time in the employ of the late Isaac Buchanan at Astoria, N. Y.

WHITMAN, MASS.—R. E. Moir will add considerable new glass to his plant.

ALTON, ILL.—The annual meeting of the Alton Horticultural Society was held Jan. 19. E. H. Riehl is president and Miss Hanna Davis is secretary.

LITTLE ROCK, ARK.—The twenty-first annual meeting of the Arkansas State Horticultural Society was held in this city Jan. 30 and 31.

NEW CASTLE, IND.—The South Park Floral Co. have broken ground for their new range of houses. The cypress material is being supplied by A. Dietsch & Co., Chicago.

167,000 ROOTED CARNATIONS READY TO SHIP

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeKoo Mitting, white, hne, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 1901	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Prolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Avondale (Hill) 1901		4.00	30.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00
		Per 100	
Mrs. Thos. W. Lawson, cerise pink		$5.50	
Olympia, variegated		4.00	
Mrs. Bartlett, scarlet		3.00	
The Marquis		4.00	

	Per 1 0
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.50
Mrs. G. M. Bradt, variegated	2.00
H. H. Crane, scarlet	2.00
Chicago, scarlet	2.50
America, scarlet	2.00
Gold Nugget, yellow	2.50
Fern, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

We Boot 10,000 Carnations a Week.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3½-in	$5.00
True Boston Fern, 3½-in	5.00
True Boston Fern, extra strong, 2½-in	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2¼-in	1.50
10,000 Cigar plants, 2¼-in	1.50

	Per 100
10,000 M. Louise Violets, 2½-in	$1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss for baskets, 2½-in	1.50
5,000 Choice Mixed Geraniums, 2¼-in	1.50
5,000 Jerusalem Cherries, 2½-in	1.50
1,000 Vinca variegatum, 2¼-in	1.50

25 Plants at 100 rate. Cash or C. O. D.

Hygrometer, or Moisture Gauge.

For description write or see back numbers of the Florists' Review.

THEY ARE GOING FAST.

Greenhouse men, Cut-Flower men – for their ice boxes.

Doctors—for their patients' rooms.

Cemeteries—for vaults.

For cellars and for dwelling houses.

They go to Canada and all over the United States.

$2.50 each. EVERYBODY IS WELL PLEASED.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

MRS. F. JOOST

The most profitable of all the standard Pink Carnations.

It will pay you to plant this instead of Scott.

Strong Healthy Cuttings, well rooted, $1.50 per 100, $12.00 per 1000.

See our ad. in last Review for other varieties.

CASH WITH ORDER PLEASE.

BAUR & SMITH,

38th St. and Senate Av., Indianapolis, Ind.

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

Sunbeam: Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems ..... Per doz. $1.50 Per 100 $10 Per 1000 $75

Bon Homme Richard: White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long.. $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem..... $1.50 $10 $75

Prolifica: Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer..... $1.50 $10 $75

First lot ready February 1, of the above four varieties.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.	100	1000
Mrs. Thos. W. Lawson, cerise pink	$5.00	$40.00
Olympia ..... variegated	5.00	40.00
Marquis ..... pink	5.00	40.00
Genevieve Lord ..... pink	5.00	40.00
Ethel Crocker ..... pink	4.00	35.00
Morning Glory ..... light pink	4.00	35.00
Mrs. Geo. M. Bradt ..... variegated	3.00	25.00
G. H. Crane ..... scarlet	3.00	25.00
Chicago ..... scarlet	3.00	25.00
Gold Nugget ..... yellow	3.00	25.00
Gen. Maceo ..... crimson	2.00	15.00
Gen. Gomez ..... crimson	2.00	15.00
White Cloud ..... white	2.00	15.00
Mrs. Frances Joost ..... pink	2.00	15.00
Mrs. Jas. Dean ..... pink	2.00	15.00
John Young ..... white	1.50	12.00
Flora Hill ..... white	1.50	12.00
Argyle ..... cerise pink	1.50	12.00
Daybreak ..... light pink	1.50	12.00
William Scott ..... pink	1.00	8.00
Armazindy ..... variegated	1.00	8.00

	100	1000
Guardian Angel	$4.00	$40.00
Peru	4.00	35.00
Triumph	1.50	12.50
Cerise Queen	1.50	12.50
Edna Craig	1.50	12.50
Evaoston	1.50	12.50
Gov Griggs	1.50	12.50
Melba	1.50	12.50
Evelina	1.00	8.00
L. McGowan	1.00	7.50
Mrs. L. Ine	7.00	60.00

ROOTED CUTTINGS NOW READY.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt.	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Moroiog Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

PANSIES and VERBENAS

Pansies—Fine plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—S. A. Nutt, Grant, Red Bruant, Pink and La Favorite, 2½-in., $3 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 3-in., $5 per 100. Heliotrope, mixed, and Dwarf Lobelia, r oted, $1 per 100. Ageratum Blue Beauty, best dwf., new, 75c a 100, rooted. **SAMUEL WHITTON, 15-17 Gray Ave., ITICA, N. Y.**

Mention The Review when you write.

Always mention the Florists' Review wher writing advertisers.

Norway

The Queen of Commercial White Carnations.

The modern idea of a commercial variety combines large size with free rapid growth and productiveness, a fine keeper and shipper. It gives us pleasure to offer the white we have all been looking for. A distinct feature is that the flowers are remarkably uniform in size, 3 to 3½ inches in diameter. It is selling rapidly.

Place your order at once.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

Egypt

A Rich Warm Scarlet Crimson.

A distinct departure from all other crimsons. It has modern commercial stems, long and strong; exquisite spicy odor, beautiful rich glowing color; these are its most distinct features. The flower is large and well formed, 2½ to 3½ inches in diameter. Can be had in good flower by November 1st to 15th. It is a continuous and free bloomer.

Genevieve Lord

The only pink carnation which can claim the proud distinction of having superseded the hitherto invincible William Scott. Genevieve Lord is not only equal to Scott in its palmiest days, but is far superior to that variety in every way. It commands a price that was never obtained for the best Scotts which ever grew. Such a carnation is produced only once in a great while. Place your order early. **$5 per 100, $40 per 1000.**

WE CAN ALSO FURNISH

PROSPERITY, ROOSEVELT, LORNA and all other 1901 novelties, Also LAWSON, MARQUIS, CROCKER, ESTELLE, OLYMPIA and other new and standard varieties.

CHRYSANTHEMUM TIMOTHY EATON

We have a large stock of it. 50 cents each, $30.00 per 100.

Also all of the best new and standard varieties. An excellent list of the very best varieties. Send for complete catalogue.

H. WEBER & SONS, OAKLAND, MD.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. **THE COTTAGE GARDENS, Queens, N. Y.**

PRICES: { **ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.**

CARNATIONS.

Extra Fine Plants from 2½-in. pots.

	Per 100	Per 1000
Ethel Crocker	$5.00	$40.00
G. H. Crane	3.00	25 00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. James Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted Cuttings 15 per cent less.

CASH WITH ORDER.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

MONEY MAKING.....CARNATIONS.

Eleven varieties of 100. Sixteen older standard sorts. Send for complete price list.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.

INCREASE your foreman's ability by giving him a copy of our Florists' Manual—prepaid for $5.00.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, variegated, trailing, 2¼-in., $4.00; 3-in., $6.00 per 100. Rooted cuttings of same, $1.50 per 100. Abutilon Savitzi, rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

ACALYPHA.

Acalypha marginata, 2¼-in., $3.00, 3-in. $4.00, 4-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted cuttings, per 100. S. Whitton, L. J. Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, per 100. Buckley Plant Co., Springfield, Ill.

Princess Pauline ageratum, 2½-in, $2.50 per 100. Converse Greenhouses, Webster, Mass.

Ageratums, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Three varieties, transplanted, August struck cuttings, fine plants, 75c per 100. Rooted cuttings, 40c per 100. J. S. Bloom, Riegelsville, Pa.

Rooted cuttings of red and yellow alternantheras, strong plants from flats, $1.00 per 100; $9.00 per 1000. S. T. Danley, Macomb, Ill.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alernantheras, red and yellow, rooted cuttings, 50c per 100, $4.50 per 1,000, cash. W. L. Thomas & Son, box 82, Augusta, Ky.

Alternantheras, red and green and green and yellow, rooted cuttings, 60c per 100. N. O. Caswell, Delavan, Ill.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100, Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Sweet alyssum (Little Gem), strong 2½-in. pots, $1.75 per 100. Rooted cuttings, 50c per 100. J. A. Keency, Monongahela, Pa.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

ANTHEMIS.

Anthemis coronaria, fine rooted cuttings, $2 per 100, by mail.
S. W. Pike, St. Charles, Ill.

ANTHERICUM.

Anthericums, 2¼-in. $4.00, 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum, good stout plants, 85c per doz. Mrs. M. E. Patterson, Glendale, Cal.

ANTIRRHINUM.

Antirrhinums large white rooted cuttings, 60c per 100. N. O. Caswell Delavan, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

ASPARAGUS.

Asparagus plumosus nanus seed, new crop, now ready. If our seed is sown now it will germinate immediately, grow 100 per cent, and make fronds and plants ready for pots by March 1. Price, new crop seed, $1.00 per 1000; $8.00 per 1000; 2000 for $15.00. Asparagus Sprengeri, per 100 seeds, 50c; per 1,000, $4.00; 2,000 seeds for $5.00. Clucas & Boddington Co., 342 W. 14th st., New York City.

Plumosus Nanus, 2½ inch pots....	$ 5.00 per 100
3 inch pots.....	6.00 "
4 inch pots.....	12.00 "
Sprengeri, 2½ inch pots.....	3.00 "
3 inch pots.....	5.00 "
4 inch pots.....	10.00 "

The Storrs & Harrison Co., Painesville, O.

100,000 fresh Asparagus plumosus nanus seeds just picked from our own plants. Much better to grow than imported seed. 100 seeds $1.00; 1,000 $8.00, 2,000 $15.00, 5,000 $35.00, 10,000 $60.00, 15,000 $85.00. Cash with order. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus and Sprengeri, out of 3-in. pots, strong plants, ready for shift, at $5.00 and $6.00 per 100. Also 1,000 Boston Ferns, A No. 1 stock, out of 2½-in. pots, at $4.00 per 100. Cash. George Just, Jacksonville, Fla.

A. Sprengeri, 3-in., 15 to 25 growths; extra fine stock, $5.00 per 100. Stock have room. Extras added to help cover express. Satisfaction guaranteed. J. A. Fries, Bethlehem, Pa.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1000; Asparagus plumosus nanus at $6.00 per 1000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus nanus, 2½-in. $5.00; 3-in., $8.00 per 100. Carl Hagenburger, West Mentor, Ohio.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Burgevin, Portchester, N. Y.

A. plumosus nanus, 4-in., $10.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

A. Sprengeri, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

A. Sprengeri, 2-in., $2.00; 2½-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus all sizes.
A. S. MacBean, Lakewood, N. J.

A. plumosus nanus, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

AZALEAS.

Azaleas, always in bloom, 50c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, up to $30 $1.50, up to $50 $2. Kentias, Latanias, all sizes. Cash with order, please.
A. SCHULZ & SONS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds, 10 to 12 inches, $25.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azalea indica, all sizes and prices. Write F. W. O. Schmitz, Jersey City, N. J.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Begonia manicata aurea, 4-in., $1.50 per doz. A. J. Baldwin, Newark, Ohio.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

BULBS.

Bulbs for spring and summer flowering. We have fine stock of the following bulbs. It is time that many of these were now being started for spring and summer sale. Tuberous Rooted Begonias—We offer a grand stock of these; splendid strain, none finer to be had in Europe. Bulbs offered are large, fine-grass bulbs, not second size, as are often offered. We offer these in five separate colors, white, pink, scarlet, yellow and crimson. Single, $2 per 100; double, $3.00 per 100. Gloxinias—Finest strain of Hybrida Chasifolia Erecta Grandiflora. Unequaled in size and variety of colors, embracing an unusual proportion of spotted, white, pink, and other choice colors. Bulbs are of large size. $4.00 per 100. Fancy-leaved Caladiums—We offer a fine collection, choicest varieties, very distinct and very desirable, strong, dormant bulbs of large size. Tubers are of full size and undivided, and are strong and healthy, $12.00 per 100. Caladium Esculentum—Large bulbs, 9 to 11 inches in circumference, $3.00 per 100. Extra sized bulbs, 9 to 12 inches in circumference, $6.00 per 100. Tuberose Pearl—Extra quality bulbs, 4 to 6 inches in circumference, $1.00 per 100; $7.50 per 1,000. Cannas—Fine collection of the best standard sorts, all named varieties. Strong, dormant roots, $5.00 per 100. Dahlias—Cactus, large-flowering, fine, and single. A large assortment of varieties, all named. We can offer strong, dormant roots, our selection of sorts, for immediate delivery, $5.00 per 100. Japan Lilies—Lilium Auratum, 7 to 9 inches in circumference, $4.50 per 100. 9 to 11 inches in circumference, $6.00 per 100. Lilium Album, 7 to 9 inches in circumference, $5.00 per 100. 9 to 11 inches in circumference, $6.00 per 100. Lilium Rubrum, 7 to 9 inches in circumference, $4.50 per 100; 9 to 11 inches in circumference, $6.50 per 100. Lilium Melpomene, 7 to 9 inches in circumference, $5.00 per 100. Lily of the Valley—Extra quality three-year-old German pips. Fine stock for Easter forcing, $10.00 per 1,000, $22.50 per case, 2,500 pips. F. R. Pierson Co., Tarrytown-on-Hudson, New York.

Begonias, Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1½-in., 12, 40c; 100, $2.50; 1½ to 2-in., 12, 50c; 100, $2.75.

	12	100
Begonias, double flowering, 1st size	$0.75	$5.50
Begonias, double flowering, 2nd size	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brazilian, named sorts, fine bulbs	1.00	8.00
Mixed, choice sorts, 2d size	1.00	7.00
Cyclamen Persicum giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed	50	3.00
Gloxinias, fancy colors	60	4.00
Early forcing Gladioli, extra, 50 per cent. white and light, $1.25; 100		10.00
Tuberose, ex. Pearl, 4 to 6-in., 100, 75c; 1,000, $5.		
Tuberose, ex. Pearl, 3 to 4-in., 100, 50c; 1,000, $3.50.		

H. H. Berger & Co., 47 Barclay st., New York.

Tuberoses.—Elegant dwarf pearl tuberose bulbs, 50,000 No. 1, 4 to 6 inches, at $3.50; 25.- inc No. 2, 3 to 4 inches, at $1.50, carefully packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
W. W. Barnard & Co.,
161 Kinzie st., Chicago.

Tuberoses ready for delivery now. Dwarf pearl, large bulbs, $1 per 100, $7.50 per 1,000. Tall double, fine plump bulbs, $1 per 100, $8 per 1,000.
W. W. Barnard & Co.,
161 Kinzie st., Chicago.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Caladium esculentum, 1st size, $2.00, 2nd size $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash ave., Chicago.

Lilium auratum. Sizes 8-9 and 9-11 on hand. Prices on application. Suzuki & Iida, 11 Barclay St., New York.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

Special prices on bulbs. Write for list of varieties and prices. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and Plants for Fall and Spring delivery. C. H. Joosten, Importer, 85 Dey St., N. Y.

CACTI.

Phyllocactus Ackermani, P. Hookeri, P. latifrons, P. speciosissimus, P. Wrayi, etc., $1.25 per doz. mixed; $7.00 per 100. Ep. Russellianum (Quail Fl.), truncatum, 50c per doz., $2.50 per 100. Echeveria Californica, flue bedder, $3.00 per 100; rooted offsets, $1.25 per 100. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Fine started plants of Black Beauty, Mlle. Berrat, Heldenreich, Beaute Poitevine, Admiral Avellan, Florence Vaughan, Austria. Price on application. C. Winterich, Defiance, Ohio.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

30,000 cannas, strong roots. Prices on application. Geo. Just, Jacksonville, Fla.

CARNATIONS.

CARNATION ROOTED CUTTINGS.

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
The Marquis	6.00	50.00
Estelle	7.00	50.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
Olympia	5.00	40.00
G. H. Crane	3.00	25.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	3.00	25.00
America	3.00	25.00
Chicago	3.00	25.00
Mabel	3.00	25.00
Elsie Ferguson	3.00	25.00
Gold Nugget	3.00	25.00
Pingree	3.00	25.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	2.00	15.00
Mary Wood	2.00	15.00
John Young	2.00	15.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Leslie Paul	2.00	15.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Dawn	2.00	15.00
Argyle	2.00	15.00
Eldorado	2.00	12.00
Melba	2.00	17.00
Victor	1.50	12.50
Triumph	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Evelina	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Meteor	1.50	12.50
Armazindy	1.50	12.50
Iris Hallet	1.50	12.50
Glacier	1.50	12.50
Sandusky	1.25	10.00
William Scott	1.25	10.00
Evanston	1.00	8.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice rooted cuttings, first-class in every respect, true to name; 25 at 100 rates, 250 at 1,000 rates. Write for catalogue and complete list of Carnations and Roses, rooted cuttings and in pots. Do you receive our weekly price list? If not, write us; we will place your name on our mailing list.

LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

LIBERTY.

Bright salmon carnation. Sells for either red or pink; an early and continuous bloomer; perfectly healthy plant; stiff stems, 18 inches, never splits calyx; sells for 2 and 4 cents when Scotts bring 1½ and 2 cents. The most free-blooming carnation I ever saw; it is a pleasure to grow, pick or sell it. $1.50 per dozen, $10 per 100, $60 per 1,000. M. L. Tirrell, Randolph, Mass.

ROOTED CARNATION CUTTINGS.

We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

PINK.

	100.	1,000.
Triumph	$ 1.50	$ 12.50
Wm. Scott	1.00	8.00
Painted Lady	2.50	20.00
Daybreak	1.50	10.00
Argyle	2.00	15.00
Mrs. Frances Joost	2.50	20.00
McBurney	2.50	20.00
Tidal Wave	1.50	12.50
Victor	1.50	12.50
New York	2.00	15.00
Kathleen Pantlind	5.00	40.00
Melba	3.50	30.00
Glacier	10.00	75.00
Mrs. Jas. Dean	2.00	15.00
Albertini	2.50	20.00
Mrs. C. H. Duhme	2.50	20.00
C. A. Dana	1.50	10.00
Nancy Hanks	2.00	15.50
Ethel Crocker	4.00	35.00
The Marquis	6.00	40.00
Mrs. Thos. W. Lawson	6.00	50.00
Genevieve Lord	5.00	40.00
Leslie Paul	5.00	45.00
Cerise Queen	2.50	25.00
Pink Beauty	5.00	40.00

WHITE.

Flora Hill	1.50	10.00
Mary Wood	2.50	25.00
Evelina	1.00	8.00
White Cloud	2.00	15.00
John Young	2.00	15.00
Lizzie McGowan	1.00	10.00
Alaska	1.50	12.00
Storm King	2.00	15.00
Lily Dean	2.00	20.00
Snow Queen	2.50	20.00
Silver Spray	1.50	10.00
Glacier	4.00	35.00
Peru	5.00	40.00

RED.

Evanston	2.50	20.00
Dazzle	2.50	20.00
Jubilee	2.00	15.00
Portia	1.50	10.00
Bon Ton	1.50	10.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Dorothy Sweet	2.50	20.00
Uncle Walter	2.50	20.00
Emily Pearson	1.50	12.00
Cerise Queen	2.50	20.00
Red Mrs. Bradt	3.00	25.00
Morello	1.50	10.00
Firefly	1.50	10.00
Maud Adams	2.50	20.00
Chicago	3.00	25.00

YELLOW.

Mayor Pingree	1.50	20.00
Gold Nugget	2.50	20.00

MAROON.

Empress	2.50	20.00
Gen. Maceo	2.00	15.00
Gen. Gomez	2.00	15.00
Meteor	2.00	15.00

VARIEGATED.

Mrs. Geo. Bradt	3.00	25.00
Armazindy	1.50	10.00
Olympia	6.00	50.00
Psyche	1.60	10.00

NEWER VARIETIES.

Ron Homme Richard, white	10.00	75.00
Nydia, variegated	10.00	75.00
Sunbeam, light pink	10.00	75.00
Prolifica, deep pink	10.00	75.00
Morning Glory, light pink	4.00	35.00

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS. Ready to ship. A. Mitting, clear, light-cream. Mrs. A. Mitting, clear pink, De Roo Mitting, white. Sunbeam, Ron Homme Richard, Nydia, Prolifica, California Gold, Queen Louise, Irene, Lorna and Mermaid, all 1901 introductions, $1.50 per doz, $10.00 per 100, $75.00 per 1,000.

	Per 100
Mrs. Thos. W. Lawson, cerise pink	$5.50
Olympia, variegated	4.00
Mrs. Bartlett, scarlet	3.00
Genevieve Lord, light pink	4.00
Avondale, pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.00
Chicago, scarlet	2.00
America, scarlet	2.00
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez, dark red	2.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.25
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

All rooted cuttings subject to your approval upon arrival.

MORRIS FLORAL CO., Morris, Ill.

Rooted Carnation Cuttings. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.00	17.50
Chicago (Red Bradt)	3.00	25.00
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.50	12.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Mrs. Thos. W. Lawson, cerise pink	$5.00	$50.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	2.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	2.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00

Rooted cuttings now ready.

Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Ron Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot ready Feb. 1 of the above four varieties.

CHICAGO CARNATION CO, JOLIET, ILL.

CARNATIONS.

Rooted cuttings now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	5.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	3.00	25.00
America	3.00	25.00
Bradt	3.00	25.00
Pingree	3.00	25.00
Morning Glory	3.00	25.00
Glacier	3.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Joost	1.50	12.00
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show, as to quality of our stock.

W. J. & M. S. VESEY, Fort Wayne, Ind.

NORWAY.

The biggest commercial white carnation ever introduced. A business-making, money-making carnation in every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and is good, solid odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond the reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $5.00 per 100; $40.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

CARNATIONS—Continued.

20,000 rooted cuttings, ready to ship. We have enlarged our plant 10,000 feet last summer and will devote our entire time to growing carnations for the trade. We do not expect to make any money this year. Our whole object is to introduce ourselves and stock to the public. To do this we will sell at an extremely low figure, with a standing guarantee that at any time our stock is not satisfactory on receiving, send it back at once at our expense, and if you had paid for same we will refund full amount.

	100.	1,000.
Thos. Lawson	$6.00	$50.00
Ethel Crocker	3.00	30.00
Marquis	4.00	35.00
G. H. Crane	2.50	20.00
Genevieve Lord	4.00	35.00
Gen. Maceo	1.50	12.00
White Cloud	1.25	10.00
Flora Hill	1.25	10.00
Liberty	1.25	10.00
Bon Ton	1.00	8.00
Daybreak	1.00	8.00
Wm. Scott	1.00	8.00

Stafford Floral Co., Stafford Springs, Conn.

Rooted carnation cuttings ready for immediate shipment; all fine and well-rooted stock:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$ 7.00	$60.00
Sunbeam	10.00	75.00
Prolifica	10.00	75.00
Bon Homme Richard	10.00	75.00
Sydie	10.00	75.00
Marquis	5.00	40.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Mrs. Geo. Bradt	3.00	25.00
G. H. Crane	3.00	25.00
Chicago	3.00	20.00
Gold Nugget	3.00	25.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Mrs. F. Joost	1.50	12.00
Mrs. J. Dean	2.00	15.00
Jubilee	1.50	12.00
Flora Hill	1.00	12.00
Daybreak	1.50	12.00
Evelina	1.00	8.00
Triumph	1.50	12.00

JOSEPH LABO, Joliet, Ill.

NEW CARNATIONS. Now is the time to place your orders.

	100.	1,000.
Gov. Roosevelt, crimson	$12.00	$100.00
Golden Beauty, yellow	12.00	....
Novelty, fancy yellow	12.00	....
Lerna, white	10.00	75.00
Mermaid, delicate pink	10.00	75.00
Prosperity, an immense fancy	16.00	130.00
Dorothy, a free pink	10.00	75.00
California, Gold, yellow	10.00	75.00
Norway, white	10.00	75.00
Queen Louise, white	10.00	75.00
Sunbeam, light pink	10.00	75.00
Bon Homme Richard, white blush	10.00	75.00
Nydia, variegated white	10.00	75.00
Prolifica, cerise pink	10.00	75.00

Also Lawson, Morning Glory, Olympia, Marquis, Lord, etc. All first-class stock.
THE COTTAGE GARDENS, Queens, N. Y.

ROOTED CARNATION CUTTINGS, ready for shipment Feb. 15.

	100.	1,000.
Genevieve Lord	$5.00	$40.00
Ethel Crocker	4.00	35.00
Gold Nugget	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. G. M. Bradt	3.00	25.00
Mrs. Francis Joost	2.00	15.00
Daybreak	2.00	15.00
Victor	2.00	15.00
Mary Wood	2.00	16.00
Chicago	2.00	15.00
McGowen	1.50	8.00
Cardinal	1.50	12.00
Albertini	1.50	12.00
W. Scott	1.00	8.00

Orders booked and shipped in rotation.
BROWN & CANFIELD, Springfield, Ill.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon II.
Gano, Mgr., Martinsville, Ind.

CARNATIONS.

We offer choice rooted cuttings, first-class in every way, at following prices:

	Per 100.	Per 1000.
Mrs. Thos. W. Lawson	$7.00	$60.00.
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Peter	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	6.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

ROOTED CARNATION CUTTINGS. Well-rooted cuttings from sand. Ready now.

	100.	1,000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
G. H. Crane		25.00
Red Bradt		25.00
Mrs. Geo. M. Bradt		20.00
Mrs. James Dean		12.50
Mrs. F. Joost		12.00
Triumph		12.00
White Cloud		12.50
Argyle		12.00
Flora Hill		12.00
Daybreak		10.00
Mortgage Lifter		8.00

ANTON THEN, Station X, Ravenswood, Ill.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	3.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
Mrs. F. Joost	1.50	10.00
New York	2.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

NEW CARNATIONS FOR 1901.

Lorna, Irene, Dorothy, Norway and Egypt. $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES. Morning Glory and Crocker $4.00 per 100, $30.00 per 1000; Lawson $7.00 per 100, $60.00 per 1000; G. Lord, $4.00 per 100, $50.00 per 1000. Marquis, Olympia and Peru $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

RUSSELL. Again this has proved the most profitable and profitable carnation, giving us so far fully 97 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-round carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1000.

Ethel Crocker, $3.00 per 100. McGowen Sport, $1.50 per 100; $10.00 per 1000.

CHAS. BLACK, Hightstown, N. J.

CARNATIONS FOR PROFIT.

	100	1000
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Grande Ave., INDIANAPOLIS, IND.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	3.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants, $37.50, 500 plants, $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dalliedouze Bros., Flatbush, N. Y.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado, McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

FLORIANA
The Best All Round Pink Carnation Ever Introduced.

Large size, fully as large as Marquis or Crocker; color, a beautiful shade of light pink. A strong grower, very fragrant, an early continuous bloomer, very productive, does finely both in winter and summer, good stem, perfect calyx that never splits, not subject to disease, good keeper. Brings fancy prices in New York market. Come and see them. Price, $1.50 per dozen, $30 per 100, $60 per 1,000. Ready February 1. Fillow & Banks, Westport, Conn.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Crocker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, La Paul, Gloriosa, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Daybreak, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

CARNATIONS. Extra fine plants from 2¼-inch pots.

	100	1000
Ethel Crocker	$5.00	40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. J. Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted cuttings, 15 percent less. Cash with order. C. Akehurst & Son, White Marsh, Md.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.

GOETHE—Fancy light pink, best seller, stock in splendid shape.

Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.

C. BESOLD, Mineola, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Ethel Crocker	$4.00	$30.00
White Cloud	2.00	15.00
Alaska (white)	1.00	7.50

GEO. HARRER, MORTON GROVE, ILL.

Rooted Cuttings.

Flora Hill ..... $1.50 per 100; $12.50 per 1,000
Pingree ..... 2.50 per 100;
Wm. Scott ..... 1.00 per 100; 8.00 per 1,000
McGowan ..... 1.00 per 100; 8.00 per 1,000
Jubilee ..... 2.00 per 100;

J. C. Schmidt, Bristol, Pa.

Carnation rooted cuttings. Triumph, Daybreak, Flora Hill, White Cloud, Jubilee, Meteor, $1.50 per 100. Wm. Scott, McGowan, Evelina, Armazindy, $1.00 per 100. 25 per cent discount on 1,000 lots. Cash with order. Kroeger Bros., Nevada and Clark sts., Toledo, Ohio.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Marquis, Crocker, $5.00 per 100; $40.00 per 1000. Hill, Jubilee, Daybreak, Triumph, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1000. Samples free. Stock guaranteed. Union Street Greenhouses Co., Geneva, N. Y.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties. A. M. HERR, Lancaster, Pa.

Carnation rooted cuttings. Per 1,000: Olympia and Marquis, $40.00. Lord $35.00, America $20.00, Melba and Flora Hill $15.00, G. H. Crane $25.00. Cash with order. H. P. Smith, Piqua, Ohio.

Lawson, $5.00; Ethel Crocker, Genevieve Lord and Marquis, Mrs. Bradt, Crane, Maceo and Gomez, $2.50; White Cloud, Mary Wood and Flora Hill, $1.50 per 100.

E. C. Kent, Washington, Iowa.

Carnations.—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready Feb. 15, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

100,000 rooted cuttings ready to ship. For varieties and prices see display adv. in these issues. Fort Dodge Greenhouse Co., Fort Dodge, Iowa.

Irene, the coming commercial pink, rooted cuttings, $1.60 per doz., $10.00 per 100, $76.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

HOOSIER MAID, the ideal commercial white, $1.50 per doz., $10.00 per 100, $80.00 per 1,000. A. Rasmussen, New Albany, Ind.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Extra strong stock plants of Pacific, Bergman, Bonnaffon, Golden Wedding, Robinson, Bassett and Jones, 6c cash. Satisfaction guaranteed. J. A. McPheron & Son, Carrollton, Ill.

TIMOTHY EATON, and all other good new varieties. Also the best standard sorts. Let us book your order for future delivery. H. Weber & Sons, Oakland, Md.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Stock plants. 500 each of Mrs. Robinson and Bonnaffon, 60c per doz., $4.00 per 100. Joseph Labo, Joliet, Ill.

Chrysanthemums.—Ivory and Glory of Pacific, stock plants, $3 per 100. P. J. Burgevin, Port-chester, N. Y.

Chrysanthemums. Send for price list. National Plant Co., Dayton, Ohio.

CINERARIAS.

Dwarf and semi-dwarf giant-flowering cinerarias: fine, stocky plants; from soil, $2.50, 3-inch pots $4 per 100. All of them ready for 4-inch. Cash with order. Jos. F. Smith, Burlington, N. J.

Cinerarias, 100 fine 2-inch, ready for 3-inch, $3; 100 fine 3-inch, ready for 4-inch, $5. Cash. Pierce & Johnson, Adrian, Mich.

500 Cinerarias ready for 5 and 6-in. pots, $5.00 per 100 Cash. Geo. W. Fetzer, Allentown, Pa.

Cinerarias, 2¼-in., $3 per 100. Greene & Underhill, Watertown, N. Y.

CLEMATIS.

CLEMATIS PANICULATA.	100.	1,000.
No. 1, 3 years	$ 7.50	$ 75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

ELIZABETH NURSERY CO., Elizabeth, N. J.

Clematis, one and two years, $1.25 and $2.00 per doz.; 12 choice leading kinds. F. A. Baller, Bloomington, Ill.

COLEUS.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Coleus—Red and yellow Verschaffeltii, and 25 other good sorts; clean; no mealy bug; 65c per 100 postpaid; $5.00 per 1,000, by express. A. B. Davis & Son, Purcellville, Va.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Rooted cuttings. Per 100: Separate colors, 75c; fancy and large-leaved, $1; mixed, 60c. 2-in. pots, $3 per 100. Greene & Underhill, Watertown, N. Y.

Extra fine coleus from pots, $1.25 per 100. Cash.
W. L. Thomas & Son, box 82, Augusta, Ky.

Strong, 2¼-in., $1.60 per 100. R. C. ready for 2½-in., 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, 15 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

30,000 coleus, 10 named varieties, 2¼-in., $1.60 per 100. Morris Floral Co., Morris, Ill.

Coleus, mixed, $2 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Coleus rooted cuttings, 18 best var., 60c per 100. N. O. Caswell, Delavan, Ill.

Named, 60c per 100; mixed, 50c per 100. J. S. Bloom, Riegelsville, Pa.

For rooted cuttings of coleus write Geo. A. Kuhl, Pekin, Ill.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

2,500 cyclamen in 2 and 2¼-in., $1.00; in bud and bloom, 3-in., $6.00; 4-in., $12.00 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Cyclamen, 200 3-inch, in fine condition, at $4 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Giganteum, 4-in. pots, $10; 3-in. pots, $7 per 100. J. S. Bloom, Riegelsville, Pa.

CYPERUS.

Umbrella plants, 2½-inch, $2.00 per 100; 3-inch, $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Umbrella plants, 3-in. pots, $5.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Umbrella Plants, 2½-in., $2.50 per 100. Cash. The John A. Doyle Co., Springfield, Ohio.

Cyperus gracilis, 4-in., 75c per doz. Mrs. Griswold, Worthington, Ohio.

DAHLIAS.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

SNOW CREST, 2¼-in., $4; 3-in., $6; rooted cuttings, $2 per 100. Greene & Underhill, Watertown, N. Y.

California Giant Marguerites, 2-in., $2.50 per 100. Converse Greenhouses, Webster, Mass.

A few white and yellow California Marguerites. Geo. A. Kuhl, Pekin, Ill.

ERICAS.

Ericas, small plants in bloom or in bud ready to bloom, $1.50 per dozen, $10 per 100. Large, fine shaped Ericas in bloom, 75c and $1 each, $9 to $12 per dozen, $75 per 100. Epacris in bloom, $9 per dozen. Erica persoluta alba, Erica persoluta rosea, Erica persoluta rubra, Erica fragrans, 100 plants in these four varieties, for growing on, $10, or 100 plants in bud, $15 per 100. Cash with order, please.
A. SCHULTHEIS, P. O. box 78, College Point, N. Y.

FARFUGIUM.

Farfugium Grande, fine plants, $1.00 per doz. Mrs. M. E. Patterson, Glendale, Cal.

FERNS.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count, $10 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Boston ferns.	Doz.	100.	1,000.
2½-inch	$0.50	$3.00	$25.00
3-inch	1.00	10.00	80.00
4-inch	2.25	15.00	....
5-inch	4.00	30.00	....
6-inch	5.00	35.00	....

N. cordata, extra fine, 4-in., very heavy, $1.75 doz.; $15.00 per 100. Cash with order.
A. J. Baldwin, Newark, Ohio.

Increase your trade by using the Beverly fern dish. We use hundreds of them for the most exclusive Boston trade. Send for wholesale price list. North Shore Ferneries, Beverly, Mass.

Fern spores of all florists' sorts, 35c per trade pkt., $1 per 1-64 oz. List of ferns and fern spores on application. Edw. D. Drown, Weldon, Pa.

Ferns for dishes, etc., in 6 of the leading varieties, from 2½ in., $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Boston ferns ready for 6-in. pots, $3.00 per doz., $20.00 per 100; 3-in., $6.00 per 100. Converse Greenhouses, Webster, Mass.

Japan fern balls; great money-makers; ready to start for Easter sales now. H. H. Berger & Co., 47 Barclay st., New York.

N. exaltata, [illegible] $2 [illegible] and $5.00 per 100, also N. [illegible] 4-in [illegible] N. O. Caswell, Delavan, Ill.

Boston ferns. Strong, 2-in. pots, $3.00 per 100, $25.00 per 1,000. The Storrs & Harrison Co., Painesville, O.

True Boston ferns, extra strong, 2¼-in., $3; 3½-in., $5 per 100. Morris Floral Co., Morris, Ill.

Cyrtomium falcatum, the holly fern, 2-in., 3c. Cash, please. R. G. Hanford, Norwalk, Conn.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

For Boston ferns, write Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOTS.

Forget-Me-Nots, 2¼-in., $3; 4-in., $10 per 100. Rooted cuttings (winter), $2 per 100. Greene & Underhill, Watertown, N. Y.

Winter flowering forget-me-nots, $3 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Large clumps, 75c per 100; $5.00 per 1,000. J. C. Schmidt, Bristol, Pa.

FRUIT PLANTS.

Mariana Plum cuttings, 8 to 12 inches, $1.00 per 1,000. These plums not only make a good hedge but bear fine early plums. Every cutting will root. John Monkhouse, Caddo Nurseries, Jewella, La.

FUCHSIAS.

Nice thrifty young stock. Early dbl. White, Black Prince, Little Beauty, Marenga, 2-in., my selection, $3.00 per 100; rooted cuttings, $1.25 per 100. N. O. Caswell, Delavan, Ill.

Fuchsia, Trailing Queen, 2¼-in., $4.00 per 100. Rooted cuttings, 8 varieties, $1.50; Sunray and Trailing Queen, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

Rooted cuttings of Phenomenal, Black Prince, Storm King, Little Beauty, $1.50 per 100. Converse Greenhouses, Webster, Mass.

GARDENIAS.

Cape Jessamines (Gardenia florida), strong and stocky, 15 to 20 inches, $7.00; 10 to 15 inches, $5.00 per 100. 6 to 10 inches, $3.00 per 100; $25.00 per 1000. 3 to 6 inches, $2.00 per 100; $15.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

Rooted cuttings. New set of 20 named, postpaid, $1.00. Your selection of the following at $2.00 per 100: Mrs. Taylor, Dr. Livingstone, P. Crozy, Bronze named, Mme. Bruant, Wonder, Freak of Nature, Happy Thought, Beaute Poitevine, Alphonse Ricard, Ivy Leaved, E. G. Hill, Dbl. Grant, S. A. Nutt, J. M. Gaar, Frances Perkins, King Olga, Grand Chancellor, etc. Our selection of the above, $15.00 per 1000. Mixed varieties unnamed, $1.25 per 100. Mme. Salleroi, $1.25 per 100. Your selection of the following at $1.75 per 100: J. Y. Murkland, Single Grant, La Favorite, Rev. J. B. Atkinson, Glo. de France, Eliza, etc. Our selection of the above, $12.50 per 1000. Mrs. Parker, Bronze Bedder, L'Elegant, $4.00 per 100; Silver Leaf, Ivy Leaf (named), Rose Scented, $1.50 per 100; Mars, Countess de Harcourt, $2.50 per 100; America, $15.00 per 100.
Pot plants. Happy Thought, Bronze, Silver Leaf, etc., 2¼-in., $4.00 per 100; Mrs. Parker, 2¼-in., $6.00 per 100; L'Elegant, 2-in., $6.00 per 100; common, named, 2¼-in., $3.60 per 100. Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties; good, strong rooted cuttings from sand, mixed, $1.00 per 100. Same from 2½-in. pots; also Swainsona alba galegifolia and Mme. Salleroi geraniums at $1.60 per 100. Paul Bruant, R. R. Gosselin, S. A. Nutt, La Favorite, 2½-in., $2.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

6,000 of the best up-to-date bedding varieties; 15 varieties in pink, red, white and salmon, 2½-in. $2.00 per 100, $18.00 per 1,000; 3-in. $3.00 per 100, $28.00 per 1,000. All good plants and ready to ship at once. Cash please. B. F. Vandervate, Galena, Ill.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

GERANIUMS—Continued.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Old plants, thirty varieties mixed, 3 and 3½ inch, $4.50 per 100, $40 per 1,000. September geranium plants, 3 and 3½ inch, $4 per 100, $35 per 1,000. Rooted cuttings of thirty mixed varieties, $1.25 per 100. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

Bruanti, Nutt, Hill, Grant and others, strong, 2½-in., $2.50 per 100; $22.50 per 1,000. Strong rooted cuttings of above varieties, $2.00 per 100; $18.00 per 1,000. Buckley Plant Co., Springfield, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2½-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

10,000 geraniums of the best varieties. Rooted cuttings and 2¼ and 4-in. pots. Write for prices. Anton Krut, Jr., Butler, Pa.

S. A. Nutt, Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Mixed Geraniums, 2-inch, $2; rooted cuttings, $1 per 100. E. I. Rawlings, Quakertown, Pa.

20,000 standard bedding varieties, strong 2½-in., $2.00 per 100, cash. H. M. Altick, Dayton, Ohio.

Geraniums, my selection, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, 20 leading varieties, 2¼-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums, named, 2¼-in., $2.50 per 100; $20.00 per 1,000. Cash. S. D. Brant, Clay Center, Kan.

5,000 choice mixed geraniums, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Geraniums. Send for price list. National Plant Co., Dayton, Ohio.

GLADIOLI.

50,000 gladioli; Mapleshade collection; none better; first and second sizes cheap. Send for circular and special prices. Wilbur A. Christy, Kinsman, Ohio.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

50,000 gladioli of all the best varieties, mixed, $6 per 1,000. D. L. Hollinger, florist, Barberton, Ohio.

HARDY GARDEN PINKS.

HARDY PINKS. Large stock ready for delivery on and after March 1, 1901. First-class, clean, strong plants from 2-in. pots. Stock includes the following choice varieties: Essex Witch, Gertrude, Lord Lyons, Variabilis, Her Majesty, Souvenir de Sale. Also an immense stock of Rudbekia and Pyrethrum Uliginosum, strong field-grown, 1 to 2 crowns. Orders subject to stock on hand. Write for bargain prices. THE JEWELL NURSERY CO., Lake City, Minn. (Established 1868. 1000 acres).

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price: $1.00 per 100 postpaid. Speak quick if you want them. L. Templin & Sons, Calla, Ohio.

Hardy Pinks—Her Majesty and six other best sorts, rooted cuttings, $1.00 per 100, postpaid. Field clumps, $3.00 per 100; $25.00 per 1,000. A B. Davis & Son, Purcellville, Va.

HARDY PLANTS.

Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, Honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

Ampelopsis Veitchii, 2 to 2½ ft., $5.00 per 100, $40.00 per 1,000. 1½ to 2 ft. $4.00 per 100; $30.00 per 1,000; [illegible] ft., $2.50 per 100; $20.00 per 1,000.

For all kinds of fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants, write us your wants. Phone 222 A. Hts., Ill. Klehm's Nurseries, Arlington Heights, Ill.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid, $10.00 per 1000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Crape Myrtle, pink, purple and crimson, 15 to 20 inches, $5.00; 10 to 15 inches, $3.00 per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Boston Ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Honeysuckle Halliana, $10.00 per 1000. F. Gill, Abita Springs, La.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotrope, rooted cuttings, $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangeas, 5 and 6-in., fine plants, budded for Easter forcing, $3.00 per doz.; $20.00 per 100. Converse Greenhouses, Webster, Mass.

IVIES

Rooted cuttings. German, $1.25; English, $1.50; Kenilworth, $1.00 per 100. Greene & Underhill, Watertown, N. Y.

Railroad Ivy, from pots, 50c per dozen. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

Hardy ivy, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, rooted cuttings, assorted, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lantanas, 10 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Lantanas. 6 finest varieties, R. C., $1.50 per 100 by mail. S. W. Pike, St. Charles, Ill.

LILY OF THE VALLEY.

Lily of the Valley, just arrived from best European grower. Berlin crowns, extra selected quality, $10.00 per 1,000; per case of 2,000, $19.00. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM

Double yellow nasturtium. The finest nasturtium grown, especially adapted for vases and hanging baskets and unequaled as a cut flower where a beautiful yellow is wanted; also a few hundred double red nasturtiums. You should give them a trial. Price: $1.00 per doz. Cash with order. Geo. W. Fetzer, Allentown, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PALMS, ETC.

Palms for decorating and for immediate retailing.

ARECA LUTESCENS.

	Inch pots.	Inches high.	12.	100.
4 plants.........	5	18-20	$ 5.00	$40.00
3 plants.........	6	20	9.00	75.00
3 plants.........	6	24	12.00	100.00
3 plants.........	8	36	36.00	

KENTIA BELMOREANA.

	Inch pots.	Inches high.	Each.	12.
6 leaves.......	6	24	$1.25	$15.00
6-7 leaves.......	6	28	1.50	18.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Each.	12.
5-6 leaves.......	6	24-28	$ 1.00	$12.00
6 leaves.......	6	28-30	1.25	15.00
6 leaves.......	6	30-36	1.50	18.00
6-7 leaves.......	7	30-36	2.00	24.00
6-7 leaves.......	7	36-42	2.50	30.00
7 leaves.......	9	60	7.50	
6-7 leaves.......	12	72	10.00	
6-7 leaves.......	12	84-96	12.50	
6-7 leaves.......	12	84-96 h'vy	15.00	
6-7 leaves.......	12	96-108 h'vy	25.00	

LATANIA BORBONICA.

	Inch pots.	Inches high.	12.	100.
5-6 leaves.......	6	15-18	$6.00	$50.00
5-6 leaves.......	6	18-20	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high .... $1.50 each
8-inch pots, 36 inches high .... 2.50 each
9-inch pots, 42 inches high .... 3.00 each
10-inch pots, 48 inches high .... 4.00 each

HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
3 plants	5	18	each 1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	5-6	15	$ 4.60	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-5	15	$4.50	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	5-6	30	1.25	15.00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

KENTIA BELMOREANA.

2½-inch pots.........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves..........$15.00 per 100
4-inch pots, 14 to 16 inches high... 30.00 "
5-inch pots, 18 inches high......... 60.00 "
5 and 6 in. pots, 18 to 22 in. high... 75.00 "

ARECA LUTESCENS.

2½-inch pots.........$6.00 per 100; $50.00 per 1,000

KENTIA FORSTERIANA.

2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high........... 15.00 "
4-inch pots, 15 to 18 inches high..... 35.00 "
5-inch pots, 18 to 22 inches high..... 50.00 "
6 and 6 in. pots, 24 to 28 in. high.... 75.00 "

The Storrs & Harrison Co., Painesville, O.

REDUCED PRICES ON LATANIA BORBONICA FOR CASH.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000
4	15-18	4-5	$0.16	$1.50	$11.00	$100.00
5	18-20	5-6	.40	3.00	28.00	275.00
6	20-22	5-6	.65	4.50	40.00	375.00

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	6	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

The Jennings strain. Fine stock, choice varieties. Medium size plants, 60c per 100 by mail, $4 per 1,000 by express. Extra fine stocky plants in bud and bloom, $1 per 100; $10 per 1,000. The above growing in cool greenhouses. Seed, $1 per pkt., $5 per oz. Cash with order. E. B. Jennings, Grower of the Finest Pansies, Lock Box 254, Southport, Conn.

Pansies. Fine plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies worth raising. Good plants. $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

PELARGONIUMS, in fine condition, out of 2-in. pots. Countess, Sandiford's Surprise and Wonder, $5.00 per 100. Mme. Thibaut, Mrs. R. Sandiford, Dorothy, Mme. Vibert, Lord Salisbury and others, $5.00 per 100. All free-blooming florist varieties; 100 in 10 varieties, named, at $5.00 per 100. Cash with order. ADOLPH STAHL, Johnstown, Pa.

Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PETUNIAS.

Petunias, strong, 3-in. pot stock, 15 distinct vars, $1.00 per doz.; $8.00 per 100. Set of 15 vars for $1.25. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Double fringed Petunias, 2-inch, $2; rooted cuttings, $1 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias, rooted cuttings, mixed, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

POINSETTIAS.

1,500 stock Poinsettias, two years old, $10 per 100. Cash with order. Eugene Murray, 162 Jewett av., Jersey City, N. J.

Poinsettia stock plants, $1.25 per doz.; $10.00 per 100. Chas. W. Reimers, Station A, Hite Ave., Louisville, Ky.

PRIMROSES.

100 Chinese Primroses, 200 primula obconica (part rosea); first-class; in bud and bloom, 4-inch, $8 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Primroses. All in bud and bloom; every color; 4-in., 20 for $1.00. Whitton & Sons, City and Green Sts., Utica, N. Y.

Baby Primroses, from soil, $2.50, 3-inch pots $4, per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Primula chinensis, 2-in., $3; 3-in., $4 per 100. Geo. M. Emmons, Newton, N. J.

Chinese, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PRIVET.

5,000 1 to 2 ft. California Privet, $10 per 1,000, F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $40 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonville. Mills the Florist, Jacksonville, Fla.

California privet, 3 to 4 ft., $2.00; 2½ to 3 ft., $1.75; 2 to 2½ ft., $1.50; 20 to 24 inches, $1.25; 15 to 20 inches, $1.00 per 100. Small plants, 50c per 100. All well branched. Cuttings, 8 to 12 inches, $1.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

ROSES.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripeltz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.

R. H. MURPHEY & SON, Urbana, Ohio.

ROOTED ROSE CUTTINGS.

	100	1,000
Brides	$1.50	$12.50
Bridesmaids	1.50	12.50
Meteors	1.50	12.50
Perles	1.50	12.50
Golden Gate	1.50	12.50
Lady Dorothea	1.50	12.50
Kaiserin	1.50	12.50
Maman Cochet	1.50	12.50
American Beauty	3.00	25.00

First class in every respect. 25 at 100 rate; 250 at 1,000 rate.

LAKEVIEW ROSE GARDENS, Jamestown, N. Y.

Roses, strong, two-year, field-grown. Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $6.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

ROOTED ROSE CUTTINGS.

	100	1000.
Golden Gate	$2.50	$20.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50

GEO. HARRER, MORTON GROVE, ILL.

Two grand climbers. Climbing Kaiserin, white, $10.00 to $15.00 per 100; Climbing Wootton, red, $10.00 per 100. Field-grown, own roots, 2 to 3 ft. Plenty of other sorts, bush and climbers, hardy and tender.

The Howland Nursey Co., Los Angeles, Cal.

Crimson Rambler. Strong field plants, with fibrous roots; just the kind for potting and forcing. Send small order for sample. 3 to 3½ ft., $12.00 per 100; 3½ to 5 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

Brides and Maids, strong, healthy, well-rooted heel cuttings now ready at $1.25 per 100; $10.00 per 1000 for this week only. Cash with order. Gunnar Teilmann, Marion, Ind.

Bride, Bridesmaid, White and Pink Cochet and other varieties, strong plants from 2-in. pots, $4.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

MANETTI ROSE STOCKS. Just the right size for florists' work. Send for sample and price. Thomas Meehan & Sons, Germantown, Phila., Pa.

Wootton roses in 2½-in. shifted from 2-in. Order 100 of them for summer blooming; they'll do you good. Geo. A. Kuhl, Pekin, Ill.

Field-grown American Beauties, 3 years old, $15 per 100; $125 per 1,000. Southern Floral Co., 922 Bryan st., Dallas, Tex.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.50 per 100.

Bassett & Washburn, Hinsdale, Ill.

New rose, Winnie Davis, 2½-in. pot plants, $5.00 per doz., $25.00 per 100.

Nanz & Neuner, Louisville, Ky.

300,000 roses. Send for price list, now ready. National Plant Co., Dayton, Ohio.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

SALVIA.

[illegible] Rooted cuttings, per 100: Golden [illegible] [illegible].00, Golden Leaved, $1 [illegible] [illegible], $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., [illegible] per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

SEEDS.

DREER'S Reliable Flower Seeds. The following is a short list of articles which should be sown early:

	Trade pkt.	Oz.
Ageratum, Blue Perfection, a fine blue sort	$ .25	$1.00
Ageratum, Cope's Pet, the dwarfest blue	.15	.35
Aster, Queen of the Market, white, pink or purple	.20	.75
Aster, Queen of the Market, finest mixed	.15	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb.		.10
Carnation, Marguerite, finest mixed	.20	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
Centaurea, gymnocarpa, per 1000 seeds, 15c		.40
Cobaea scandens, purple	.10	.30
Cyclamen per. giganteum, finest mixed, per 100 seeds, 50c; per 1000 seeds, $5.00.		
Dracaena indivisa	.10	.30
Grevillea robusta	.15	.40
Heliotrope, Lemoine's Giant	.40	2.00
Lantana hybrida, mixed	.10	.20
Lobelia, Crystal Palace compacta, true	.30	1.50
Lobelia, gracilis, light blue, trailing	.15	.40
Lobelia, speciosa dark	.20	.60
Mignonette, Allen's Defiance, very large spikes	.15	.50
Mignonette, machet, true select stock	.15	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00.		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50.		
Petunia, Dreer's Superb Fringed, single	.50	
Phlox Drummondii grandiflora, finest mixed	.15	.50
Phlox Drummondii nana compacta, finest mixed	.30	1.50
Pyrethrum aureum (Golden Feather)	.10	.30
Salvia splendens (Scarlet Sage)	.30	1.50
Salvia splendens compacta erecta, "Bonfire"	.50	2.50
Smilax, per lb., $3.50	.15	.35
Stocks, large flowering, 10-week, separate colors	.40	2.25
Stocks, large flowering, finest mixed	.40	2.00
Thunbergia, finest mixed	.10	.30
Torenia Fournieri	.30	
Verbena, Mammoth, white, scarlet, pink, purple, striped	.30	1.50
Verbena, Mammoth, finest mixed	.25	1.00
Vinca rosea, rosea alba, alba pura	.20	.60
Vinca rosea, finest mixed	.15	.50

Our wholesale price list for 1901 has been sent to all florists; if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

SEEDS FOR EARLY SOWING.

	100 seeds.	1000 seeds.
Asparagus Sprengeri	$ .75	$6.00
Asparagus plumosus nanus	1.00	9.00

Aster, Queen of the Market—
White, light blue, dark blue, rose, crimson ......Per pkt. 15c; oz., 75c

Cyclamen Persicum Grandiflorum—
Per 100, $1.00; per 1000, $7.50.

	Per pkt.	Per oz.
Dracaena Indivisa	$ .15	$ .75
Petunia, double large flowering, fringed	1.00	
Petunia, single large flowering, fringed	1.00	
Phlox Nana Compacta—Fireball, Snowball, Purple, Blue Striped, Chamois Rose, Defiance and fine mixed	.25	2.50
Salvia Nana Compacta, Bonfire	.25	4.50
Verbena Mammoth, mixed	.25	1.50

Stocks—

	Per pkt.	Per oz.
Giant Perfection, white	$ .25	$5.00
Dwarf, large flowering, 10 weeks—white, blood-red, purple rose, yellow and red	.25	3.25

Sweet Peas—

	Per oz.	Per lb.
Blanche Ferry, Blanche Ferry, extra early, Emily Henderson, Blanche Burpee, Countess of Radnor, Dark Lavender, Katharine Tracy	$ .10	$ .40
Burpee's Extra Early	.10	.65

If by mail, add 8 cents per pound for postage.

STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

SEEDS—Continued.

XXX Seeds. Verbena grandiflora, the finest large-flowering varieties grown; mixed, 1,000 seeds, 50c. Chinese primroses, large-flowering fringed; fifteen varieties; single and double mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, extra fine; the best of the mammoth-flowering varieties; mixed, 3,500 seeds, $1.00; half pkt., 50c. John F. Rupp, Shiremanstown, Pa.

Johnson & Stokes' Seeds are grown exclusively for the most critical market garden and florist trade, and are known in every large market of the United States as producers of vegetables and flowers which are the accepted standards of excellence. Write now for our new quarterly wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

Canna seed, named, $1.00 per lb. Finest dwarf mixed, 50c to exp. here; 15 and 10c oz. Ampelopsis Veitchii, Hibiscus Crimson Eye and Antigonon Leptopus, or Mountain Beauty, 25c per oz., free by mail. Benj. Connell, West Grove, Pa.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Cocos Weddeliana, fresh seeds at $7.00 per 100. Write for wholesale price list of high-class flower seeds, etc., for florists. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

White Ostrich Plume aster seed, the earliest, largest and most beautiful aster ever introduced. It comes into bloom when white flowers are scarce. Trade pkt., $1.00; oz., $5.00.
J. T. Duquette, Albion, N. Y.

A. plumosus nanus, 100 seeds $1.00; 1,000 seeds $8.00. A. Sprengeri, 100 seeds 50c; 1,000 seeds $3.00. Sweet pea, 5c per oz.; 25c per lb. Smilax, 1900 crop, 30c per oz., $2.50 per lb. H. H. Berger & Co., 47 Barclay st., New York.

Florists' fresh flower seeds for early sowing. Preliminary florists' lists ready now. W. W. Barnard & Co., 161 Kinzie st., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1000, $9.00. B. H. Ritter, Port Royal, S. C.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

SPIRAEA.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100; Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

STEVIA.

Stevia, variegated, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VEGETABLE PLANTS.

Cauliflower.—Snowball, 35c per 100; $2.50 per 1,000. Tomato. — Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting.
Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants. Beauty, 3-in., $2.00 per 100. Lorillard, 2-in., $2.00 per 100; transplanted plants, 60c per 100. Cabbage plants. Jersey Wakefield, ready Mar. 1. Write for prices on large orders. Mrs. Griswold, Worthington, Ohio.

Lettuce.—Curled Simpson, Grand Rapids and other varieties. Cabbage—Wakefield, Succession and other varieties. Price 15c per 100; $1.00 per 1,000. If by mail, add 10c per 100. Des Moines Plant Co., 38th St., Des Moines, Iowa.

2,000 Mayflower tomato plants, 2½-inch pots, cash price $1.50 per 100. A. B. Campbell, Cochranville, Pa.

10,000 Grand Rapids lettuce plants $1.00 per 1,000. J. A. Keeney, Monongahela, Pa.

VERBENAS.

Our rooted cuttings of verbenas will not only please you, when you receive them, but when they bloom they will please your customers. 25 best bedding kinds. 60c per 100; $5.00 per 1,000. Express prepaid.
S. W. Pike, St. Charles, Ill.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $6.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 40 best mammoth var., 60c per 100; $5.00 per 1000. Verbena plants, strong, full of cuttings, $2.00 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Lemon verbena, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VINCAS.

Vincas—Major and Minor; strong field-grown plants, $1.00 per 100; $7.50 per 1,000. Major put in 4-in. pots now will be fine for spring. James M. Lamb, Fayetteville, N. C.

Vincas, variegated, rooted cuttings, $1.25 per 100; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca vines, $3.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

1,000 Vinca variegatum, 2¼-in., $1.60 per 100. Morris Floral Co., Morris, Ill.

VIOLETS.

Violet Runners. 26,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free.
Wm. Swayne, Kennett Square, Pa.

La France and Princess of Wales, $5.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

California violets, good strong plants at 50c per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

Princess of Wales violets, young plants, $2.00 per 100; $15.00 per 1,000. Wm. Sim, Cliftondale, Mass.

10,000 M. Louise violets, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Swanley White, 2-in., $2.00 per 100. Nanz & Neuner, Louisville, Ky.

MISCELLANEOUS.

Rooted cuttings, per 100: Achyranthes $1.00, Cuphea (cigar plant) $1.25, Impatiens Sultani $2.00, Manettia bicolor $1.50, Tradescantia tricolor $1.25. Impatiens Sultani and Manettia, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, all 2¼-in., $1.60 per 100. Morris Floral Co., Morris, Ill.

Artillery plants, rooted cuttings, 50c per 100. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

TO EXCHANGE.

To Exchange: Chrysanthemum stock plants of Bonnaffon, Weeks, Ivory, Pacific, white and yellow J. Jones, Bl. Hawk, Perrin, Niveus, Morel, Henderson, at 50c per doz.; Dracaena indivisa, 4-in., at $1.60 per doz.; Cyperus gracilis, 5-in., at $1.60 per doz., for summer blooming carnations and stevia. C. Winterich, Defiance, Ohio.

To Exchange—Best varieties of Ivy Geraniums, from flats and 2-in. pots; also pansy seed of the finest strain for rooted cuttings of Mrs. Bradt, Joost, Triumph and Daybreak. Correspondence invited. Frank L. Rumrey, Box 124, Stoughton, Mass.

To Exchange—Rooted cuttings of carnations (see adv.) for A. Sprengeri and A. Plumosus nanus. Krueger Bros., Nevada and Clark sts., Toledo, Ohio.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Prepared Tropical Palms. Chemically prepared from natural Florida palms. Agents wanted in every city. Send for wholesale price list. J. A. Keeney, Monongahela, Pa.

Laurel festooning, the best, 4 to 6c per yard. All hand-made and of the best material. Dagger and fancy ferns at market prices. Crowl Fern Co., Millington, Mass.

Hardy cut ferns. Per 1000: In 1000 lots, $1.25; 5000 lots, $1.20; 10,000 lots, $1.10; 25,000 lots, $1.00. L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

Pure pulverized sheep manure, fine bone flour and hardwood ashes. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

Sheep manure, bone meal, tobacco stems and dust and horn shavings. W. W. Barnard & Co., 161 Kinzie st., Chicago.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 66c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Choice green and bronze Galax, 60c per 1,000; 2,000 for $1. All orders filled at once. H. H. Hill, Victoria, Macon Co., N. C.

Bronze galax leaves, $1.60 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, bronze and green, 75c per 1,000. Crowl Fern Co., Millington, Mass.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 No. Fourth St., Philadelphia, Pa.

Baur Window Glass Co., Eaton, Ind.

HOSE.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose, J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in Cataloguen and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 261-263 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Hacon Pottery, Harrison, Ohio.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

POTS.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

RAFFIA.

When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE WORK.

C. A. Kuehn, 1122 Pine st., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash ave., Chicago.

COLUMBUS, OHIO.

Various Notes.

The state agricultural meeting was held in this city last week. After a few introductory remarks were made on Hall's honeysuckle not being injured by frost, the following papers were read: "The Best Paying Cross," H. Sessions; "Herbs; How to Get and Use," Prof. Lageman; "Horticulture for the Amateur," A. C. Price. Following is the committee for the coming year: Prof. J. H. Lageman, Prof. A. W. Hellerman, Prof. H. Osborne, F. K. Luke, Warren Phelps, L. K. Sutton, Prof. J. W. Smith, J. J. Denny.

The Agricultural Students' Union of Ohio is sending out flower and vegetable seeds to all parts of the state for children to cultivate. The object is to encourage them in farming. After they have grown them they may do as they choose with the products, but are requested to send in a report of the growth and treatment. This is the second year for the flower and vegetable gardens, which have proven very satisfactory.

The florists report a very lively trade the past week, being mostly funeral work. Roses, carnations and violets are very scarce.

Mr. Underwood had a fine stock of poinsettias for the holidays.

E. L. Charles had azaleas in bloom for which he found a ready sale at a good price.

Mr. W. Geiger and Miss Falls, with Mr. A. J. Baldwin, of Newark, O., were recent visitors.

Mr. S. F. Stephens received quite a surprise last Saturday night when his wife, son and two cousins walked in on him unawares. Mrs. Stephens and son left for Germany last fall, stopping at Paris two weeks. They expected to remain until spring, but getting homesick decided to return, which they did much to Mr. Stephens' surprise.

Mr. Stephens has a ventilating apparatus in his new house which was made by one of his employes. It's O. K. No wonder he can grow the finest roses and mums in the city when he has such bright and intelligent employes.

G. E. A

FINE VIOLETS.

We have received from Mr. R. E. Shuplelt, Chatham, N. Y., a bunch of extra fine Marie Louise violets. The flowers arrived in perfect condition, though sent through the mails, still retaining a strong fragrance. The blooms were a fine dark color and averaged one and a half inches in diameter when flattened out. Such violets must command a fancy price at all times. They reflect the greatest credit upon Mr. Shuplelt's ability as a violet grower.

TRADE NOTICE.

The Henry W. Gibbons Company, with a capitalization of $40,000.00, has been incorporated under the laws of Pennsylvania, to carry on a general business of horticultural builders, heating engineers and manufacturers of greenhouse structural material generally. The new firm is installing a quantity of specially designed and constructed machinery to facilitate its work. The factory is located at Bloomsburg, Pa., and has access to transportation over the D. L. & W. R. R., Penn. R. R., Lehigh Valley R. R., and the Reading systems.

Henry W. Gibbons, the president of the company, continues at No. 136 Liberty St., New York City, operating his former office as the sales office of the new concern, to which all communications should be addressed. J. L. Dillon, the treasurer, is at the general offices of the factory at Bloomsburg, Pa.

INSECTICIDES.

In a recent communication W. N. Craig, North Easton, Mass., reports his experience with Nicoticide and sums it up as follows:

"So far as our experiments have gone, mealy bug, black and green aphis and red spider have been killed and the only injury done was to Adiantum Fronds. Nikoteen and Aphis Punk, while safe to use on almost all classes of plants, will injure Adiantums somewhat. We believe Nicoticide will prove a valuable addition to our fumigating compounds. Of course further experience is needed, but it is cheaper and much safer to use than hydrocyanic acid gas, which has recently found much favor as an insect destroyer."

MADISON, N. J.—Charles Totty has returned from his visit to England and is again in the harness at Florham Farms.

DIXON, ILL.—O. L. Baird reports that business has been unusually good this month. Mr. Baird says he received much benefit from his visit to Chicago during the carnation meeting of the Chicago Club and from the excursion to Joliet at the same time.

THE QUEEN OF EDGELY.

The Floral Exchange, of Philadelphia, sent a box of the new rose Queen of Edgely to Queen Victoria of England last month. The flowers reached the Queen by Christmas time and the Floral Exchange received the following acknowledgment from England's late lamented Queen:

"The private secretary is commanded by the Queen to thank the president of the Floral Exchange for the beautiful roses which the corporation have been good enough to send to her Majesty, and with which the Queen is greatly pleased.

"The roses arrived in good condition, and are greatly admired by her Majesty, who has desired the expression of her thanks and pleasure to be conveyed to the Floral Exchange corporation for their gift."

It certainly speaks well for the keeping qualities of the rose that blooms carried across the Atlantic and arrived in good condition.

PETOSKEY, MICH.—S. J. Long reports that trade continues good; that with wedding, balls and funerals he is kept busy. Carnations, which are off crop with him, are his best sellers. Besides the stock produced on his own place he has within the past week disposed of 1,000 carnations, 300 roses and a quantity of bulbous stock shipped in from Grand Rapids, which is not a bad record for a town of 5,000. Mr. Long has four houses; one mixed, two carnation and one rose house, yet he is short of flowers most of the time.

SANDUSKY, O.—Mr. M. Hickey, formerly of Chicago, is now in charge at the Central Greenhouses. J. C. Gooding has opened "The Favorite Flower Store" on Hancock street. The florists generally had a good Christmas trade. Just now funeral work is the mainstay and there is sufficient of it to clean up most of the local grown stock.

ALAMEDA, CAL.—Geo. Tyler, the florist, nearly choked a young lady to death the evening of Jan. 19. In the darkness he mistook her for his wife, from whom he had recently separated, and it is charged that it was his intention to kill his wife. Tyler has disappeared.

SACRAMENTO, CAL.—Perry Watson & Co., who conducted a seed business here for about two years, have left the city, and creditors are unable to ascertain the present address of the concern.

UTICA, N. Y.—Frank J. Baker did an elaborate decoration for the Chamber of Commerce banquet Jan. 22.

ORANGE, N. J.—The annual dinner of the New Jersey Floricultural Society takes place Feb. 6.

BLUE POINT, N. Y.—Fire did some damage Jan. 19 to the greenhouses of Hoffman & Warner.

HARTFORD, CONN.—Fire did $300 damage at the greenhouses of G. W. McClunie Jan. 19.

IF YOU want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of one cent a word.

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G. L. GRANT, EDITOR AND MANAGER.

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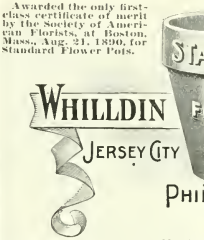
NASSAU, N. Y.—The annual meeting of the Rensclaer County Agricultural Society will be held here Feb. 5.

SPOKANE, WASH.—The Spokane Horticultural Association held its first meeting Jan. 31. Messrs. A. Whitney and C. L. Cambern will start in the nursery business here.

ALTOONA, PA.—The mother of A. S. and J. Meyers, of the firm of Meyers Bros., died Jan. 18, aged 70 years.

THE BEST, and the cheapest—the REVIEW'S classified advs.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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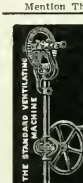

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Pat. Sept. 18, 1900.

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HARRISBURG, PA.

The 42d annual meeting of the Pennsylvania State Horticultural Society was held here Jan. 21 and 22. Treasurer Moon's report showed the society to be in splendid financial condition.

Legislation recommended by the society calls for an appropriation of $147,000 for the erection and equipment of a building at State College for placing the instruction in horticulture and dairying upon a basis commensurate with the importance of the interests to the State, and for continuing the publication of the nature study leaflets issued by the college; a bill, as prepared by Professor John Hamilton, "to prevent diseases of fruit trees and pests that affect the same," and "the establishment of a division of horticulture and pomology in the department of agriculture, to be administered by the secretary of agriculture, and the appointment by the governor of a commissioner of horticulture and pomology, at $2,500 per annum, with a clerk at $1,500."

The exhibit of fruit included pears, apples and several varieties of oranges. Among other carnations was a vase of the new pink "Edna," originated by Lewis Moore, of Unionville, Chester county. A collection of the "Mrs. Southy" geraniums was shown by J. D. Brenneman, of this city.

The officers for the ensuing term are: President, Howard A. Chase, Philadelphia; vice presidents, Calvin Cooper, Bird-in-Hand; W. T. Creasy, Bloomsburg, and M. C. Dunleavy, Carnegie; secretaries, Enos B. Engle, Waynesboro; and W. P. Brinton, Christiana; treasurer, Samuel C. Moon, Morrisville; chairman general fruit committee, N. C. Snavely, Lebanon. The next annual meeting will be held in Bloomsburg.

UTICA, N. Y.—Robert Alexander, a former florist, died at the Home for Aged Men, Jan. 20, aged 84 years. He was born in Suffolk, England, and came to America in 1851.

PETOSKEY, MICH.—Frank Goeke, of the Petoskey Floral Co., has again received the appointment as local florist for the G. R. & I. Ry. and will have charge of the railroad parks at Bay View and Wequetonsing, as well as those here.

Red Pots.

Sample Pot and Price List on application.

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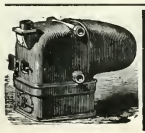
Catalogues

87-91 Plymouth Place, Chicago.

KINGSTON, N. Y.—The fire damage to the establishment of D. B. Stow Jan. 12 amounted to $2,000 with insurance of $1,600.

SIOUX FALLS, S. D.—The twelfth annual meeting of the South Dakota State Horticultural Society was held here Jan. 22 and 23.



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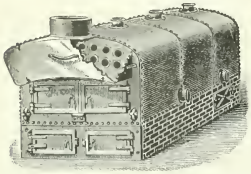

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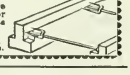

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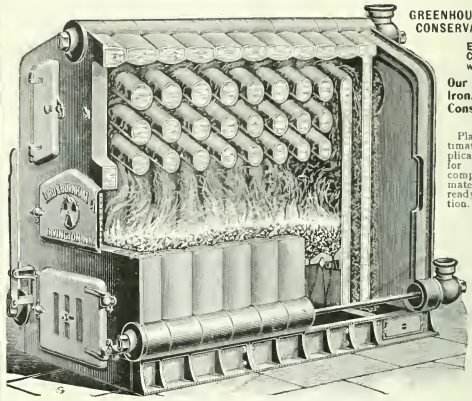

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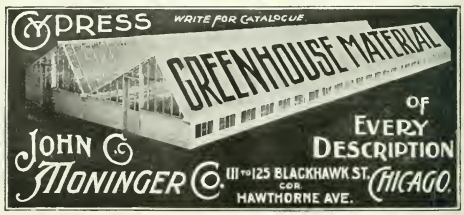

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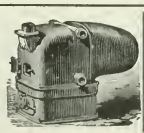

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THE FLORISTS' MANUAL.

After reading Mr. Wm. Scott's Manual, we wish to say that we consider it without equal as a book of reference for busy florists.
GEORGE M. KELLOGG.
Pleasant Hill, Mo.

Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
Oakland, Md. H. WEBER & SONS.

It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
Chicago. JOHN THORPE.

The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get reading it the midnight oil is liable to run low and you hate to go out to bed or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual
Hartford, Conn. GEO. S. OSBORN.

We are in receipt of "The Florists' Manual," by Mr. Scott, and may say it is the right book for the florist, published at the right time. It is what we all need.
BOBBINK & ATKINS.
Rutherford, N. J.

Am much pleased with the Manual. It is just what I have been looking for. Something that we can understand, and enjoy reading.
Etna, Pa. M. NAUMAN.

I am very much pleased with the Manual. It is just what we have needed for a long time. N. ZWEIFEL.
Milwaukee, Wis.

It is certainly a neat and handsome book and does you credit.
BENJAMIN HAMMOND.
Fishkill-on-Hudson, N. Y.

It is a work of art and should be in the hands of all the florists. Its useful and instructive contents cannot fail to be a benefit to all in the trade. C. C. POLLWORTH CO.
Milwaukee, Wis.

I greatly appreciate the Florists' Manual. It is a splendid text-book.
JOHN WELSH YOUNG.
Germantown, Pa.

The Florists' Manual is worth five times the price. It is just what a busy florist wants.
Columbus, O. E. BUEHLER & SON.

Am well pleased with the Manual. It is a practical, everyday helper, concise and to the point. W. A. KENNEDY.
Milwaukee, Wis.

Am very much pleased with the book; it is very handy for reference.
Macomb, Ill. F. E. BONHAM

Unlike so many of our books, it has the very flavor and essence of actual experience.
Ithaca, N. Y. L. H. BAILEY.

We find the book very useful as a reference in answering the many questions about plants that we receive almost every day.
Philadelphia. JOS. KIFT & SON.

We have gotten much valuable instruction from the Florists' Manual and prize it highly.
Franklin, Tenn. TRUETT BROS.

The Florists' Manual is a gem. No florist can afford to be without it.
Madison, N. J. A. J. BAUR.

If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROOKS.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
Joliet, Ill. JAS. HARTSHORNE.

No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to read a defective memory, and the young florist wants it as a guide in this progressive craft the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as would be useful pertaining to park work, and to that end an order has been given for a number of books among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employes, who this board expects to reap a reward many times the cost of the book. Respectfully yours
COMMISSIONERS OF PARKS AND BOULEVARDS, R. J. CORYELL, Gen'l Supt.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among the gardening friends a host of genuine admirers. As a writer on practical gardening subjects, he is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone else engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from Dreer, which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, do exist, but these, it rather, have been chased on the market, but the teachings which they impart have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods, and so that the Manual containing, as it does, matter which is strictly up-to-date, and consequently practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The Manual, as the title says, is in matters horticultural, as too well known to the trade to require any comment at our hands, suffice it to say, that the same soundness of doctrine, and masterful handling of every subject dealt with, so fully characterize the text of all books described here as. Nearly 200 individual items are described and, as regards plants listed, those of commercial value, the supply of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists—a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details; but it need not be confined to circulation among the florists and others commercially connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a consideration which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

THE FLORISTS' MANUAL...

By WM. SCOTT

IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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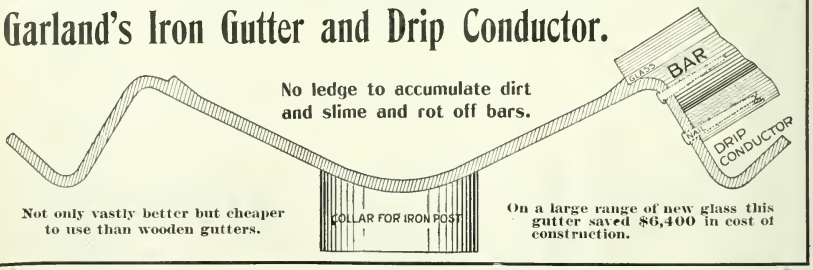

This, to say nothing of the fact that wooden construction would have to be rebuilt at the end of 15 years, while the iron construction will stand for from 30 to 50 years or indefinitely.

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THE WEEKLY FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, FEBRUARY 7, 1901. No. 167.

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Asparagus Plumosus Nanus ..... 3.00 "
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Cattleya Schroederae due in a few days.

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REPORT OF THE JUDGES

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GRAND NEW ROSE

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(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
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Begonias

Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1¾-in., 12, 40c; 100, $3.50. 1¾ to 2 in., 12 50c; 100, $3.75.

	12	100
Begonias, double flowering, 1st size	$0.75	$5.00
" " " 2nd size	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brasilian, named sorts, fine bulbs	1.00	8.00
Mixed, choice sorts, 2nd size	1.00	7.00
Cyclamen Persicum, gigauteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed	.50	3.00
" separate colors	.60	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1000, $10.00.
Tuberose, ex. Pearl, 4 to 6-inch, 100, 75c; 1000, $5.00.
" " 3 to 4-inch, 100, 50c; 1000, $3.50.
JAPAN FERN BALLS, great money-makers. Ready to start for **Easter Sales now.** 7 and 8-inch, each 50c; 12, $4.00; 100, $30.00. Moosters, 8 and 10-inch, each 75c; 12, $8.00; 100, $60.00.

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Asparagus Pl. Nanus, TRUE, 100, $1.00; 1000, $8.00.
" Sprengeri, 100, 50c; 1000, $3.00.
Sweet Pea, early forcing sorts, oz., 5c; lb., 25c.
Smilax, 1000 crop, oz., 30c; lb., $2.50.
Send for New List for spring and summer.
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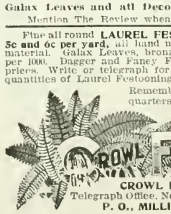

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ROSES

ROSE NOTES.

The American Beauty.

(Continued from last week.)

I never use any manure water before spring, but like to put on a thin mulch of old well-rotted manure as soon as the benches are cleaned of weeds and the bed is watered all over. This is not used as a stimulant, but to prevent the soil from drying out too quickly. About November 1 give a mulch and then generally no more till the end of January or the first part of February, and one more mulching after that. I use manure water freely from January on until the plants are discarded, but do not believe in feeding before Jan. 1.

Deformed or undeveloped flowers are the result of weakness of the plant or a check in its growth. The last may be due to the plant's being too dry or too wet, or from cold draughts, fumigating, and various minor causes. In fumigating we must keep in mind that when the plants are tall and the buds close to the glass they will naturally get more smoke and more of that dry heat so injurious to roses than when of the same height as the other roses. Many buds are thus crippled when in the first stage of development, and the best treatment can not entirely restore them after once receiving a serious check from any cause. The result of a check is often not noticeable in the appearance of the plants, but when we begin to cut deformed flowers we are set to speculating as to the cause. Though the roses may have had the best of attention for some time past, there was a cause, and it may date back several weeks or more.

I aim to keep the temperature at 58 to 60 degrees at night. At 60 degrees I put a crack of air on, and would prefer to keep some air on all the time if possible. During the day I give them 65 to 66 degrees with steam heat and no sun. On bright sunny days, 70 to 75 degrees, according to the temperature out of doors. Never open the ventilators much when the air outside is very cold. A small crack will admit a lot of air under such conditions.

The plants and benches should be always kept clean of decayed leaves and no rubbish should ever be thrown under the benches. Tying should never be neglected. Each branch should be tied separately to the wire in such a way that it will not interfere with the others when the flower is cut.

Beauties can be grown with good success for two years and many think they are better the second year than the first. When this is so it is no doubt due to the fact that the plants are older and stronger, and this confirms my belief in early planting of the young stock. We want strong bushes before winter sets in. In growing Beauties the second year I find it best to dry them off and let the wood ripen thoroughly. I dry them off gradually and am careful not to allow the bark to shrivel, syringing hard occasionally to keep red spider down. It takes about four weeks to do it properly.

Old and weak wood is then cut out and the rest cut back to five or six eyes. They are then taken up in a dry state, with about a 6-inch ball of soil and replanted in a rich soil. A basin is left around each plant and the plants have to be well watered several times to get the dry ball thoroughly saturated. After this they need very little water till they start to grow. The watering must be done very carefully for overwatering will result in almost entire loss. The first growth will not be very long, but it will be much stronger than on young plants. There will also be more branches and the plants should be placed farther apart than young stock. One point in favor of two-year-old stock is you can cut much sooner from them than from one-year-old. After they have once started to grow they will soon overtake young stock that was planted a month earlier.

M. Stauch.

GRAFTING ROSES.

In answering the questions which arise in the article on "Grafting Roses" in your last issue I wish to state that actually there is no comparison between grafting and budding roses, in accordance with my understanding. The process is entirely different and cannot be made to apply each to the other. Budding is a simple matter that may be successfully accomplished, during the summer months only, by inserting an eye in the bark and binding. The best results are obtained from well developed young shoots in moderately moist soil. It can be done both in and outdoors while grafting is effected indoors only, during the winter season. It consists of splitting, inserting a scion, binding and making air tight with wax; requiring a close moist atmosphere.

The benefits derived from the use of the Wardian case are these: In an ordinary greenhouse the ventilating varies the temperature very materially, rendering it impossible to maintain the uniform moist atmosphere made possible by the use of the case, which is so necessary to the entirely successful grafting of roses. In order to become established and united the scion requires warmth and dampness, the lack of which, when subject to change of temperature, allows the scion to shrink and refuse to unite.

It might be possible to graft a rose outside a case after having grown it for a year and forcing it in the same place, as it would thus be so well established that the union could take place at once, without being sensitive to change of temperature and atmosphere. This, however, is merely a case of possibility and not practicality. Since the use of the case saves time and plants, and these factors mean money to all florists and nurserymen, it would seem the most practical measure to adopt.

I have been very successful in this work and perhaps some one may be interested in my methods. Take a glass case 2 feet high and 2 feet by 4 long with a side door (for swatting), place on a cutting bench in which there is a hole through which you can place pans of water on the pipes, the evaporation of which causes a moist heat. On top of bench make an opening 5x6 inches which is 6 inches high, with cover, through which temperature of case is regulated. Fill the bench with clean sand and put in 3 or 4 inch pots according to size of roots and place under a cool bench for 14 days, with sufficient moisture. At the expiration of this time sink pots in sand in case and syringe once each day, beginning at a temperature of 50 degrees and increasing to 75 degrees, syringing twice daily.

The scions should be cut in the fall from outdoor grown roses and placed in a cool cellar in moist sand. After the potted stock has a good start and throws out shoots, begin grafting. I prefer grafting behind the bark rather than splitting. Use plenty of wax to render it air tight, and raffia for binding. In about three weeks remove plants which have made a good growth from case, place on a bench shaded from sun in about same temperature of case for first week, gradually lower and finally place in an ordinary carnation house with plenty of fresh air.

I prefer the Rosa canina or English Sweet Briar for outdoor grown roses, but Manetti stock is fine for forcing roses. I raise my own seedlings and use the second and sometimes the first year. This article represents grafting on a small scale only but where wholesale quantities are desired a greenhouse can be managed on exactly the same plan.

C. M. Hemala.

Buckley, Ill.

ROSE TROUBLES.

I have one house of roses that is a perfect failure. I have not averaged one rose a day from the whole house this winter. The plants were nice and thrifty when benched last June and they have had the best of attention as to heat, water and ventilation. I have been growing roses here for 15 years and have never had any trouble of the kind before. The soil, which is a dark clay loam, was not as heavy as it ought to be and there was a little very fine sand in it, but it was such good soil for crops I thought it would do all right if well firmed.

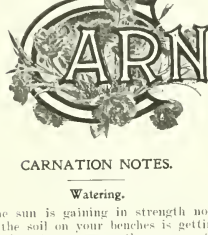
The plants seem free from disease and look green but they don't grow very much and once in a while there will be a plant the leaves of which will come out thin and soon wilt and then the whole plant dies. I used no bone meal and nothing but old cow dressing to enrich the soil. I keep the temperature from 55 to 60 degrees at night. I can't see over ten buds, large and small, to the hundred plants now. Can you tell me what the trouble is? H. W.

It is possible the soil may be too light and not rich enough but this would not account for the dying off of the plants when they are otherwise well treated. It is evident that the plants are infested with eel-worms and if H. W. will take up some of the plants he will probably find the roots covered with the galls or knots caused by the presence of this microscopic pest.

There is no remedy that will kill the

eel-worms which will not at the same time injure the plants, but the trouble can be kept somewhat in check with lime water, using a peck of lime to 30 gallons of water. Or air slaked lime may be dusted over the surface of the bed and then a thorough watering given, this operation to be repeated every two or three weeks.

However, in such an aggravated case as that described by our correspondent the best plan would be to throw out the plants and use the house for something else. M. Stauch.



CARNATION NOTES.

Watering.

The sun is gaining in strength now, and the soil on your benches is getting full of roots; consequently more water will be needed to keep your carnations in good condition. Watch the weather closely and give plenty of water on bright days as the warm sun will soon cause the blooms to open up smaller if the plants are suffering from drought. Notice the edges of the benches and especially on the south side as they will need watering oftener than the center of the benches.

Of course we will have spells of cloudy weather yet for several weeks and during such spells the soil should not be kept too wet, but notice carefully the condition of the soil every time a bright day comes along. A full day of sunshine will dry out the soil enough after a good watering so it will not hurt even if the next few days are cloudy. During the early winter months when the sun is weak and the soil dries out slowly the greatest danger lies in getting the soil too wet and sour; but now the soil is full of roots and dries out quickly and the danger is just the opposite during bright weather.

Liquid Feeding.

If you have a fair amount of bright weather an occasional dose of liquid manure will be beneficial, but if it continues cloudy most of the time you had better wait a few weeks. I do not believe in much liquid feeding during cloudy weather anyway, as it is apt to make the growth and the blooms soft and many of the pink varieties take on a bluish cast which diminishes their commercial value. The mulch you put on last month will run them for some time, and into the good weather, which will be here in a few weeks. Most growers agree that half-rotted cow manure is the best manure for the body of the liquid and about three-quarters of a bushel is enough for fifty gallons of water for the first dose. Let this stand a few days before using. After using all the liquid fill up again and add some other kind of food to give them a change of diet. A peck of sheep manure, a gallon of hen manure, a 5-inch pot of bone flour or a pound of nitrate of soda, any of these added to the cow manure will be found beneficial. Give them a dose about once in ten days or two weeks at the beginning and choose a bright day to do it. Later on the applications may be more frequent and once each week is not too often.

There are many ways of putting it on and on some places they have it down to a science. Several places I know of have vats or cisterns for holding the liquid and a steam pump to force it through the water pipes, and it is put on with the hose just like the clear hydrant water. But we are not all fortunate enough to own such a convenience and so we must turn to the next best thing which is the "Kinney Pump." This little device is certainly worth its weight in gold and every grower who has twenty pounds of water pressure ought to own one. The man who invented it deserves to have all his sins forgiven even if he never does another good deed in all his life. The old way of carrying the liquid in watering pots is behind the times where any quantity is used and on the large places it would be far too expensive. Think of some of the large Chicago growers, for instance, trying to water their whole place in that way. They would never get through.

Chemical Fertilizers.

During the last four years the tendency seems to have been toward using chemical fertilizers. There is no doubt that they are cleaner, cheaper and easier applied than the natural manures when they are handled by a man who knows what he is about; but many a crop is ruined by chemicals in the hands of men who know but little about their properties. We need a better knowledge of chemistry than 99 per cent of the growers possess, before we can use that form of plant-food extensively and with safety.

A few years ago there was some talk of establishing a school where some of our rich florists could send their sons to study the use of chemicals, etc., in growing plants and flowers. Perhaps it would have done some good to the few who were fortunate enough to be able to take advantage of it, but if any real good is to result from such an undertaking it should be planned so that every grower who wishes to can take advantage of it without incurring much expense. It is those of moderate means who do the work and grow the fine stock, and I have yet to see the "son of a big gun" who is a great success at growing either plants or cut flowers. They usually go into the office and look after that end of the business and trust to their foreman to do the growing. If the grower (be he foreman or not) possesses a thorough knowledge of chemical plant foods it will do much more good than if the young man in the office possesses it. The man who looks after the plants day in and day out and has had years of experience can judge better what they need even if his schooling has not been so extensive as that of the man who merely peeps into the houses every day or two and perhaps has had no practical experience in the growing part of the business.

If a course in chemistry could be given by mail at a moderate cost and I can see no reason why it should not be done, every grower who takes any interest in his work would willingly pay a fair fee and take up such a course. In fact, he would be obliged to do so because if he did not, the men who do acquire that knowledge would soon crowd him out of all the most desirable positions, or out of the business altogether. It is only a question of time when every grower will be required to possess more or less knowledge of chemistry as a part of his education in plant growing. The average grower of to-day knows but little of such matters and it is but little short of dangerous to the plants for them to use chemicals to any great extent. It seems to me that one of the national societies could take this matter up and do a world of good without much expense. It would easily pay for itself.

Stem Supports.

Those stems that are to produce those 4-inch blooms for Baltimore should be supported sufficiently. A thin stake to hold up each bud is needed by some varieties in order to have straight stems. Mrs. Bradt, for instance, makes a strong stem which will hold the massive bloom erect if it is supported until the bloom is developed; but the bud is so heavy that if the highest support is several inches below the bud it will bend the stem as it grows heavier and the stem will grow that way. The blooms will develop better too, if the light is equally strong from all sides. You can judge almost to a certainty which buds to select unless the weather takes a decided change. Most varieties should show color at least two weeks before they are to be cut and some will take even longer to develop properly. Remember that they will have no time to grow after they reach Baltimore and so they should be well matured and have their full size when they are staged. Be sure and place them in water at least twenty-four hours before packing.

If you fondly imagine that your seedling is unequaled by any other variety, by all means take it down to Baltimore and see for yourself. A large carnation grower told me a few days ago that these exhibitions are the best place for a man to have the conceit taken out of him and I guess he spoke the truth.

A. F. J. Baur.

LAWSON CARNATION BUDS SPLITTING.

There seems to be trouble with some growers in regard to splitting of the Lawson during the past month and many inquiries as to its cause.

If you are running a night temperature of 50 to 52 degrees, which often means on a cold morning a drop to 48 degrees, try raising the night temperature to 55 with 52 as the danger mark.

If feeding with liquid manure, substitute a top dressing of sheep manure (pulverized), about two handsful to the row on a 5-foot bench every two weeks, and an occasional dusting of air slacked lime.

If your plants are well established and vigorous I think the trouble will cease.

Peter Fisher.

Ellis, Mass.

CARNATION TEMPERATURES.

Mr. Chas. Knopf, Richmond, Ind., advises us that what he meant to say in the discussion at the carnation meeting of the Chicago Florists' Club as regards carnation temperatures was that he maintains a temperature of 46 to 48 degrees and that 50 degrees is considered high.

DAHLIAS.

The accompanying engraving is from a photograph taken last fall of a field of dahlias on the grounds of Messrs. Rowehl & Granz, Hicksville, L. I., N. Y.

They write that the field illustrated was planted rather late, planting being begun the 12th of June and finished the second week in July. They plant the tubers in rows in the same way that a farmer plants potatoes. They cultivate with the Planet Jr. horse hoe till the buds show and then they hill them up with a Planet Jr. celery hiller. The hilling is merely to make the plants better able to stand up and resist being blown down by the wind.

They found the weather fairly favorable to dahlias last season and did very well with them. They sent a good many cut flowers to the New York market and received very satisfactory prices for them. Blooms of such varieties as Grand Duke Alexis, Souv. de Mme. Meron and Miss May Lomas generally brought $2.00 to $3.50 per 100, while A. D. Livoni, White Swan, Queen Victoria, Yellow Bird and Catherine brought $1.00 to $1.25 per 100.

CHRYSANTHEMUM NOTES.

Stock Plants.

With the turn of the year the thoughts of the mum grower turn to his stock plants and he begins to make his plans for another year. Some growers keep their stock plants in a cold-frame, covering the pots with leaves, and protecting the glass on cold nights. This plan in as mild a winter as this has been works admirably, and the cutting will before long be pushing up in a satisfactory manner. In a very hard winter it does not work so well, and a corner in the violet house is a better place.

Of course a great many florists grow mums only in a small way, and room in every direction is very limited till after Easter, but it is a shame to do as so many of them do, put their stock plants under the benches in the carnation house or somewhere, and then wonder why they don't get as good cuttings as somebody else. A florist of this ilk came around last year just as a fine bench of Robinson was coming in with us. He was lost in amazement at our "giganteum" strain, as he chose to call it, and was very anxious to secure some stock. He got it but I would like to gamble that the "giganteum" strain will degenerate into a very mediocre strain with him by flowering time.

Cuttings.

Good growers have hammered away at the theme of selection of cuttings not only in mums, but carnations and roses and many other things for years past but still so many florists drift along, seemingly content with any old thing in the shape of a cutting they can lay their hands on.

Of course varieties will degenerate in time. It is only obedience to the law of the survival of the fittest, but many good varieties have had their downward career prematurely hastened by careless propagation and unnatural treatment.

We always take the strongest and healthiest cuttings, as soon as the plant has done flowering, using only such plants as have produced perfect flowers, and are free from disease. When the cuttings are rooted we throw away the old plants and box off the young stock into flats and place in a cool house for the winter: 40 to 45 degrees is plenty warm enough, and after being stopped once these young plants will give a good crop of fine healthy cuttings in just the right condition to root easily and grow away strongly.

Some good men have argued against the practice of striking cuttings in the fall, claiming that by so doing the plants get no rest. I don't see it that way myself. If the young plants are kept in a low temperature, they make very little top growth till the sun gets warm in the early spring. A mum is never really at rest. The only dormant mums are like the only good Indians, dead ones.

On the old stools, just as soon as the flowering shoots are cut off and even before, the suckers commence to come up freely from bottom and continue doing so. I am positive that one variety, Golden Wedding, gets better every year with us by rooting cuttings in the fall and propagating the tops in the spring.

Specimens.

If you intend growing a few plants for specimens it is high time the cuttings were rooted. To get large plants you must have a long season of growth. Root them cool and grow them cool. Then they will keep strong and sturdy and when the warm weather comes will branch out with astonishing vigor.

BRIAN BORU.

SOLID BEDS OR RAISED BENCHES.

A correspondent wants to know whether early varieties of mums do best in solid beds or raised benches. Unquestionably I would say grow them on raised benches, either early or late varieties. Then you have the roots absolutely under control and can feed the plants or dry them off a little to throw them into bud if they are late, or do anything you want with them. Five inches of soil is plenty to grow the best mums in that ever were grown.

BRIAN BORU.

Field of Dahlias on the grounds of Rowehl & Granz, Hicksville, L. I., N. Y.

GERANIUMS.

The stems of our geraniums turn black from the roots up, then soften and the plants die. What is the cause of it and what can we do for them? W. G. T.

We seldom see geraniums go off in the way described after they have once made roots, still we have occasionally. Nowadays every disease is traced to a specific cause and there is a bacterium for each individual trouble. There has even been discovered a microbe that causes some people to deviate from the truth, which has been named "Bacillus prevaricata." Thank goodness the microbes that are useful to man far outnumber those that are injurious.

Speaking seriously, this rotting of the tissue of the succulent geranium stem is doubtless caused by bacteria, but what encourages it is what we want to know. Too much water with little circulation of air is the principal cause. In the winter when geraniums are kept at a low tem-

perature, say 40 to 45 degrees, they need very little water. When we pot our cuttings about this date without putting them in the sand we give them one good watering and for the next three weeks are very careful to keep them only wet enough to prevent wilting. If we watered carelessly we would lose many of them from blackened stem.

Give your plants all the sunlight you can, air on all possible occasions, and if cool keep them on the dry side till active growth begins in brighter weather.

Wm. Scott.

MISCELLANEOUS SEASONABLE HINTS.

Hyacinths and Tulips.

I have never believed in forcing the Dutch hyacinths very early. They are not badly needed and are not very satisfactory. Now they will force easily and by the time they are in flower the sun will be higher and there will be more demand for plants and they sell.

Tulips from now on force with less heat but still need a little shade to lengthen their stems. Give them plenty of water at the root every day and moisture all around them helps to develop them. We occasionally get a disappointment through the tulips wilting badly after they are cut and this is especially so of those that are forced in a high temperature. As soon as the flowers are well developed the flats should be removed to a cooler house. This will somewhat remedy the wilting but the right thing is to cut tulips and put the stems in cold water 24 hours before they are used, then they have gotten over all wilting. This is the plan adopted with lily of the valley and we all know that if cut from the bed and used in designs at once it wilts badly, though if placed in water for 24 hours it will stand up wherever used.

Deutzias.

It will now be time to bring your deutzias into a temperature of 50 degrees. They take seven or eight weeks to nicely develop their flowers and are much better grown moderately cool than when forced at a high temperature. There is one point in the forcing of all deciduous shrubs that is not always thought of and that is syringing. Remember how the grape grower does when he first starts his vines in February or March. He keeps them continuously syringed, even when they are started say at 45 degrees, which they always should be. The syringing and the moist atmosphere it creates helps very much to loosen up the buds and nourish the opening leaves. All such things as lilacs, deutzias and other deciduous shrubs should be often syringed. The less active the roots the more the syringing is beneficial.

To bring out rhododendrons they also should have plenty of moisture and a night temperature of 60 degrees. Others may have found that a lower temperature will do but our experience is that without a good brisk heat and plenty of syringing the buds will remain a long time without any sign of a move.

Seed Sowing.

There is not much to sow just now providing you have sown cannas, which to obtain good sized plants should be sown soon after New Year's. Petunias can be sown about the middle of this month. As I have often said, get the very best strain you can find and we sow only the seed advertised as double, of which, if it is a good strain, about 40 per cent will come double and the remainder will be fine single flowers. The double flowers are always in demand and if customers select a dozen they are sure to want the double but really they make no finer a bed than the single, in fact not so good. Petunia seed has lots of vitality but it is very small and you are very likely to sow it too thickly. It wants only pressing into the soil and when once well up should have the full light in a cool house or it will draw up thin and spindling in a very few days.

With the exception of some very early asters it is a month too soon to sow the general run of hardy annuals. It is, however, a good time to sow seeds of many of the desirable hardy perennials. Not as good as September for if sown in September and wintered in a cold-frame many of them will flower the following season while only a few will flower next summer if sown now. Yet it is a good time, for you do not have the trouble and risk of carrying them over winter. Sow now and you can plant them out in cold-frames in April and the following August they will be fine plants and can be transplanted to the permanent beds or borders. Digitalis, aquilegia, Lobelia cardinalis, corcopsis, heuchera, asclepias, helenium and many others.

Gloxinias.

We always believe that the gloxinia should be treated as a midsummer flowering plant, for in July and August there is a dearth of flowering plants. Our neighbors have, however, been starting in much earlier and have them in flower in May and June and then the late grown ones are not much noticed. You can start them at once if you think you need them in flower in May.

We start them in 3-inch pots in soil that is half loam and half leaf-mould and sand. After the first watering keep them rather dry till the leaves have started. Gloxinias are difficult plants to handle when once the leaves are any size so when there are sufficient roots in the 3-inch pots and the leaves have made a growth of two or three inches I believe in shifting them at once into their flowering pots. For ordinary sized bulbs a 5-inch pot is plenty large enough.

The best gloxinias I ever grew were the result of taking the greatest pains with the watering. They wilt quickly when dry and are easily injured by overwatering. In fact they want the most careful attention. They will thrive best without their foliage ever being wet, but on bright mornings when evaporation is rapid it may do no harm. A good porous soil, careful watering, a night temperature of 55 to 60 degrees and good light without the direct rays of the sun, are the essentials for success with gloxinias.

William Scott.

SAVING OF SPACE AND OTHER BENEFITS OF THE IRON GUTTER AND IRON POSTS.

By Geo. M. Garland, Des Plaines, Ill.
(Read before the Chicago Florists' Club, February 1, 1901.)

Mr. President and Brother Florists: The ordinary method of greenhouse construction has been so thoroughly discussed by Mr. Carmody and others that there remains but little to be said on that subject, but owing to the inability of a great many to understand the advantages of the method advocated by myself, it gives me pleasure to address you this evening, confining myself to permanent construction by the use of iron gutters and posts.

The post and gutter is the foundation of the house, and is also the vital part thereof, therefore care should be taken to supply a foundation that will not rot out in about one-third the time the house would otherwise last. In my life experience in the business the necessity of continual rebuilding set me to thinking, and as necessity is the mother of invention the iron gutter resulted from my endeavors to practice economy.

With all important business enterprises the key to success is economy. The paramount question with a successful business man is not how large is my store or factory, but how much business have I transacted and what are my profits therefrom. So, also, with greenhouse establishments. It is not how much glass have I, as is the usual custom of referring to one's place, but how much *bench space* have I, and what can I realize from the same.

In many large establishments the unnecessary waste of room which is allowed for shade and drips from leaky and bungly gutters amounts to more than several medium sized establishments. Nearly all the ordinary wood constructed greenhouses visited by me have an allowance of 5 feet from the south bench in north house to the north bench in south house; 2 feet allowed for walk, 12 inches for gutter and posts, 2 feet for next walk, there being a walk on both sides of gutter posts. It is not only the expense incurred in the erection of non-producing space which should be taken into consideration, but the extra draft on one's bank account for the furnishing of coal to heat this space through the many winters to come.

This fact being carefully weighed I began the work of providing a method of permanent construction, obtainable without increasing the cost of the same. This was accomplished by using iron gutters and posts, there being no leaks from same, and drips being carried off by drip conductor. I found the same room could be obtained with about 3 feet less construction, or 15 per cent of a 20-foot house, making 3 feet less glass to heat or a saving of 15 per cent of the fuel ordinarily required.

In the *American Florist* of Aug. 18, 1900, appeared the following item: "In the range which Mr. Peter Reinberg put up this year, he was enabled by the use of the iron gutter to secure four benches as against three by his former method of construction."

This is not all that was gained, but a

construction, which according to a statement, from one of our oldest florists in this section, from whom I am pleased to quote, will last three times as long and perhaps longer than the ordinary wood constructions. Mr. F. Stiebow of Niles Center, who was obliged to rebuild three times and now has iron gutters, says, according to a clipping from the *Florists' Review* of May 10, 1900, that he expects his grandchildren to get just as good results from these houses as he does and that they will be new for an indefinite period.

To accomplish this saving of room build your house 20 or 26 feet 8 inches wide and lay it out in 5-foot benches and 20-inch walks, starting with the first walk along the north side of house, and allowing 20 inches for same, then a 5-foot bench, 20-inch walk, 5 foot bench, 20-inch walk, and a 5-foot bench, allowing the last bench to extend to gutter posts, which

View in the Conservatory, Central Park, New York.

are of 2-inch pipe, and you will have 15 feet of bench in a 20-foot house, and an extra bench, or 20 feet of bench, in a 26-foot 8-inch house, or three-quarters of your house to producing space. The old method of construction with wood gutters and posts is 24-inch walk, 5 foot bench, 20-inch walk, 5-foot bench, 20-inch walk, 5-foot bench, 24-inch walk, and 10-inch wood post, or 23 feet 2 inches from center to center of gutter, or 15 foot of bench in a 23-foot house.

The old method of steep roofs and low gutters should be avoided. Set your gutters 6 feet from the ground, and your houses sufficiently flat so that one does not shade the other, giving the north bars 28 degrees pitch, and the south bars 35 degrees pitch, and in the short days the bench nearest the gutter will be exposed to the action of the sun from the south house, the shade from ridge and gutter falling in the center of the house, in dark or shady days, and traveling to within six inches to one foot of post in June, when shade is not as detrimental as in midwinter.

For posts use 2-inch iron pipe above ground and cast iron legging set in a hole made with a 6-inch post auger, and fill in with good cement, bringing the same well above the ground, and taper off to meet casting. I find cement an excellent preserver of iron, and all iron intended for use in the ground should be coated with it.

Those who have used my method of construction were able to erect 250 feet of gutter in 8 hours, using 5 men, and I have known a run of 250 feet to have been set up in five hours. Those who wish to know how this was done can find out by asking Peter Reinberg.

In selecting an iron gutter, lightness combined with strength and durability are essential points. These are obtainable in the V-shaped or Garland gutter, this shape forming a truss, giving it a carrying capacity of over two tons, the outer edge of gutter extending downward affords a means of connecting the sash bar to gutter on a nearly perpendicular surface, thereby avoiding a ledge that would prove a catch-all for slime and dirt, which is the principal cause of bars rotting off at lower ends.

The perpendicular surface being always dry, gives an increased life to the bar.

Another advantage which should not be overlooked is the saving of glass from breakage by frost and ice. Iron absorbs sufficient heat from the house to keep it continually thawed, consequently no ice can form on gutter, therefore no breakage of glass from that source. To better demonstrate this point, on a cold, icy day, when you are down town, note that the iron work, such as side walk lights, steps, etc., on all side walks, under which artificial heat is supplied, are free from ice or snow, while all similar wooden construction is coated with ice and snow.

Immediately after a fall of snow, melting at the ridges sets in, and the water, running down to the wooden gutters freezes fast, forming a ridge up over the first pane of glass, and preventing the snow from sliding down. With iron gutters the conditions are reversed, the snow melting first in the gutter, keeping the same smooth, so that the snow can readily slide down to the gutter, and pass off in the form of water in the coldest weather, thus relieving the house of snow and exposing the glass to the action of the sun in one-third the time which is an important factor when sunlight is at a premium.

The following is taken from the *Florists' Exchange* of March 10, 1900: "One of the heaviest snow storms in this locality in 16 years fell in twenty-four hours the past week. It was a good test for the Garland iron gutter, which did its work perfectly. As soon as snow begins to fall, thawing sets in until there is a good stream of water flowing steadily. Mr. Strombach of Lincoln Park has his new plant house all fitted with iron gutters of the old Garland pattern. We saw the snow piled up the morning after the storm but fast disappearing by a regular stream of water below. Mr. Strombach told the writer the second day after that the snow had all gone off naturally, and no trouble whatever was experienced."

The principle of contraction and expansion of metals has probably caused numerous florists to look with disfavor on iron gutters, but practical experience on 300-foot houses as erected by Wietor Brothers failed to show anything to substantiate their fears. The joints of gutter are firmly bolted together, using Portland cement between the laps, making one continuous casting which is so rigid that the gutter can not "snake" or go out of line, thereby holding the ridge in its original position. The uniform temperature maintained within the houses prevents any appreciable fluctuations in the temperature of the iron and thereby removes the cause of expansion and contraction such as iron fully exposed to the action of the weather is subject to.

To further support the frame of the house I have provided a means of connecting a number six galvanized wire, with suitable screw fastening at each end, having a one-fourth inch hole in the flange of gutter, through which said screw fastenings are passed, and having a nut in the under side of flange for tightening wire. This wire is passed over both purlins and into opposite gutter, with similar fastenings, and not only effectually prevents the purlin from waving in high winds, but also creating a means of supporting the ridge pole without the use of ridge pole posts, thereby saving expense in construction. I recommend that these wires be placed 15 feet apart.

I have advertised to provide waterway for 4,000 feet of glass, which to some seems incredible. Thorough examination of the outer edge of gutter shows a rise and depression, forming a stop for the glass, which has ample room for putty, making a watertight joint, allowing the lower lights to serve as auxiliary gutters, creating a gutter four feet wide in case of emergency, which seldom occurs.

Mr. Carmody in his address at the S. A. F. convention at New York, like many other florists who do not seem to understand that greenhouses containing an equal amount of bench can be constructed for less money with iron gutters and posts than with cheap wooden affairs, refers to iron gutters, iron pipe, etc., as being all good in their way if one has the money to buy them. But the poor man will always commence business in

wooden structures, of course, including wooden gutters.

But after a careful study of my method of construction you will find that it is especially designed for the *poor man*, who must get all the bench space possible, without extra expense for construction and heating.

Trusting that all may see the point as I, and others do, and profit thereby, I will terminate my paper, hoping at some future day to more fully discuss the advantages of permanent construction.

IRON CONSTRUCTION OF GREENHOUSES vs. WOOD.

By W. N. Rudd.

Read before the Chicago Florists' Club, Feb. 1.]

Having never had any experience with a complete iron frame greenhouse, the writer wishes to add a sub-title to the above, as follows: What I Think I Know and What I Guess on the Subject (with apologies to Mr. Carmody for infringement of copyright).

The first greenhouses we erected here were on the old style, white cedar posts, white pine roof plan, with 2-inch pine box gutters (we got good pine those days), pine purlins and pine supports. They were pretty good houses for Chicago at that time, too. I have very lively recollections of "what happened to Jones" when we turned on steam, having forgotten to allow for expansion in the feed pipe. Well, we cut a piece off from the pipe and rebuilt the end of the house. I am pretty sure that pipe would have kicked a hole in the side of a brick block, any way, so an iron frame would not have helped much in that difficulty. The supports soon rotted, and as they gave too much shade we replaced them with pipe. The pipe is still there in good condition and will be of use when the houses are gone. Score one for iron!

Having been foolish enough to pipe our first houses with 1-inch pipe, when we came to build again there was a fine collection of second-hand pipe on hand, and we used it for purlins and supports throughout. The result was a stiffer roof and more light in the houses, an improvement over the first, but there was still too much wood at the eaves. Our last house is built with angle iron purlins, pipe supports and angle iron eaves. This is the strongest, lightest and best house we have. Unfortunately we were unable to use iron posts and I can see trouble ahead there.

Up to date, our experience has been the more iron the better the house. Carried to its logical conclusion, this would indicate that modern iron frame construction is the best. Leaving out the question of first cost, there is no one, I fancy, who will not concede this to be the case. Counting in the difference in cost, however, the matter becomes more complicated.

The last house built by us, at a time when glass and iron were at the top price, was 31x125 feet and cost about 39 cents per square foot of ground covered, house complete with piping, but no service shed and no boilers. Figures given me by a friend indicate the cost of a modern iron frame structure erected last summer to have been about 79 cents per square foot of ground covered. Taking the cost of our house at 39 cents per foot we would have annual charges as follows: Depreciation 5 per cent, 1.85 cents; interest at 6 per cent, 2.34 cents; maintenance, 2.40 cents; total, 6.59 cents. On the iron house costing 79 cents, the depreciation at 2 per cent would be 1.56 cents; interest at 6 per cent, 4.68 cents; maintenance, 1.56 cents; total, 7.80 cents, or a difference in favor of our house of 1.21 cents per square foot covered.

In other words, an iron house of the same size would have to pay me about $49 more for the year, to break even. This it would undoubtedly do, and more, but in order to warrant the expense it should do considerably more. As to how much more it would produce, or how much more it should produce to justify its construction, I refuse to state—because I don't know.

My idea is that under present Chicago conditions there is not, in dollars and cents in the bank at the year's end, very much advantage in the best iron frame house over the best type of semi-iron. The general tendency of iron will be down and wood in the future will increase in price, thus increasing from year to year the advantage of the iron house over the other.

A FINE DECORATION.

So many mixed stories have been printed regarding the decorations at the Vanderbilt-French wedding that perhaps those in the craft would like to hear from one who saw them and knows just what was really used.

The entire decorations of church and house were under the direction of Mr. J. H. Troy, manager of the Rosary Flower Co. The church was done in pink and white. Longiflorum lilies were used on the altar and the chancel rail was of lily of the valley and Bridesmaid roses. Palms were grouped on either side of the place for the bridal party and there were other groups of palms about the church. Standards bearing a Gloire de Lorraine begonia were at every other pew. Over the main door was a large horseshoe of lilies and Bridesmaid roses. Southern smilax was much in evidence, eight cases being used.

At the house Mr. O. A. C. Oehmler had charge of the cut flowers and table decorations. The reception hall was done in holly, the four walls and ceiling being covered, and English holly trees were used in groups. The colored liveries showed up well. The library was decorated with Beauties, the yellow room with forsythia and Lady Dorothea roses. The large hall was used to receive in and this was treated with holly, the same as the reception hall. There was a canopy of Bridesmaids and stevia and fancy baskets of Gloire de Lorraine begonias were suspended, making a beautiful pink effect. The small halls leading to the large hall room were decorted with southern smilax and Bridesmaid roses.

The large ball room was a beautiful sight. Wild smilax and hundreds of strings of asparagus were used for green, and poinsettias for color. The large chandelier was heavily draped with asparagus and many poinsettias were effectively placed in same. On the fourteen small tables in the room the same color scheme was carried out, some 450 poinsettias being used.

The main feature of the room, the bridal table, was decorated by Mr. Oehmler personally and it was rather out of the ordinary. The 50-lb. wedding cake was upon a disk of wood upon rollers. The disk was greened up and the design in the icing on the cake was carried out on the green in gardenias and valley. Around this was a piece on hinges and rollers, measuring 6½ feet across, made of 500 Golden Gate roses, and running from this were 18 rays or sprays of orchids and orange blossoms. After the breakfast, Mrs. Vanderbilt pulled a hidden cord and the entire center piece opened, forming a horseshoe. Then by pulling a small silk cord concealed under one of the rays the cake rolled to her to be cut.

Many palms were used about the house and in all six cases of holly and eight of wild smilax were used here. The decorations about the grounds and the beautiful arches of pines were arranged by Mr. Johnston, Mrs. French's private gardener. J. C. N.

SOCIETY OF AMERICAN FLORISTS.

The executive committee of the S. A. F. will meet on Tuesday, March 5, at the Genesee Hotel, Buffalo, N. Y., to consider and act upon such plans as may be presented for the society's welfare, to so systematize its work as to confer the greatest possible benefits upon American horticultural industries and to perfect arrangements for the coming convention in the Pan-American city.

Suggestions on the above lines are requested and will be welcomed and given careful consideration by the committee. Communications may be addressed to any member of the executive committee, to your state vice-president or to the secretary's office, 67 Bromfield street, Boston. The members of the executive committee are as follows: Patrick O'Mara, New York, N. Y.; Edmund A. Wood, Natick, Mass.; W. F. Kasting, Buffalo, N. Y.; H. B. Beatty, Oil City, Pa.; W. J. Stewart, Boston, Mass.; C. W. Ward, Queens, N. Y.; J. F. Cowell, Buffalo, N. Y.; Lawrence Cotter, Dorchester, Mass.; J. F. Sullivan, Detroit, Mich.; A. B. Cartledge, Philadelphia, Pa.; J. D. Carmody, Evansville, Ind.; Alex. Wallace, New York City; Emil Buettner, Park Ridge, Ill.; and R. Witterstaetter, Sedamsville, O.

All indications point to a continuance of the great wave of prosperity which the national society has enjoyed for the past two years, and from the wide-spread interest already manifested on all sides it is evident that the Buffalo convention will fully equal, if indeed it does not exceed, the record for attendance and membership accessions of the successful Detroit and New York meetings.

President O'Mara has appointed Messrs. Alex. Wallace, New York city; Richard Witterstaetter, Sedamsville, O.; and Emil Buettner, Park Ridge, Ill., members of the executive committee of the S. A. F., to serve for a term of three years from June 1, 1901.

He has also appointed as state vice-presidents and acceptances have been received from the gentlemen named below:

Baumer, A. R., Louisville, Ky.
Blackistone, Z. D., Washington, D. C.
Beard, F. H., Detroit, Mich.
Bartels, F. C., Cleveland, O.
Craig, W. P., Philadelphia, Pa.
Erwin, A. T., Ames, Ia.
Gammage, W., London, Ont., Can.
Horan, S. D., Bridgeport, Conn.
Hess, J. J., Omaha, Neb.
Herrington, A., Madison, N. J.
Ingram, Wm. A., Manchester, N. H.
Johnston, T. J., Providence, R. I.
Keitsch, Chas. H., Buffalo, N. Y.
Lundberg, Ernst, Lenox, Mass.
Lemke, E. F., St. Paul, Minn.
Langjahr, A. H., Brooklyn, N. Y.
Ludwig, F., Allegheny, Pa.
Moore, W. H., Manhattan, Kan.
Mitchell, H. R., Waterville, Me.
Muthison, F. R., Waltham, Mass.
Pollworth, C. C., Milwaukee, Wis.
Rieman, H. W., Indianapolis, Ind.
Sanders, Edgar, Chicago, Ill.
Sunderbruch, A., Cincinnati, O.
Vincent, R. Jr., White Marsh, Md.
Weber, F. C., St. Louis, Mo.
Whelan, F. A., Mt. Vernon, Va.

Wm. J. Stewart, Sec'y.

Rose Garden on the estate of Mr. E. D. Adams, Seabright, N. J.

EUROPEAN NOTES.

During a recent trip to the "old sod" my first visit was to the nursery of the old firm of Austin & McAslan, at Cathcart, some miles out of Glasgow. Among things especially noticeable were some fine plants of Adiantum Rochfordi, somewhat coarser than A. cuneatum but evidently a decided improvement upon that variety, and some excellent seedling tuberous begonias and gloxinias. Some hybrid roses in a Glasgow flower store were perfection in shape, color and fragrance, but alas, they lacked stem.

I next made for Findlay's establishment in Bailiston, where there is a large area of glass devoted to tomatoes as well as palms. Though it was the middle of July they had fire heat in their palm houses. They keep their kentias in a night temperature of 55 degrees in winter. All palms are plunged in old horse manure that has been several times overhauled. Was told they preferred cocoa fibre but the other was cheaper. I noted some araucarias in small pots in the process of rooting. They were in a frame built on a bench covered with panes of glass and newspapers and given a gentle heat by hot water pipes. Rubbers are rooted from single eyes in pots without bottom heat. For shade whiting mixed with turpentine and a bit of oil is used.

While in Edinburgh I visited Dickson's and the Botanic Gardens and saw some fine beds of roses containing the following varieties: Prince Camille de Rohan, Mme. Gabriel Luizet, La France, Viscountess Folkestone, Gloire Lyonnaise, A. K. Williams (resembling Jacqueˆ), Mme. E. A. Notte (resembling Soupert and a great bloomer). A Chinese variety called Fabrier, the flowers somewhat darker than Crimson Rambler, was especially noticeable.

From Edinburgh I went to Thomas Rochford's Turnford Hall Nurseries in Broxbourne, some miles out of London, probably one of the largest ranges of glass in the world, and I was told it had grown from a small beginning to its present size in but 14 years. About 300 men are employed. Tomatoes, cucumbers and grapes occupy a large space and whole sections of houses are devoted to one variety of palm, all plunged in cocoa fibre. A house of orchids, the plants hung from plate to ridge and the long white roots hanging, presented a rather stringy appearance. Japan lilies are grown in large quantities and the foreman said they were not profitable if grown in a temperature under 60 degrees. A large stock of Adiantum Rochfordi (previously mentioned) was in evidence. Also eucharis, Pandanus Veitchii, draceenas, cocos, anthuriums, stephanotis, and ferns of all descriptions. One 400-foot house was filled with Bridesmaids and Mermets and a few Liberties. This was the only stock that didn't compare favorably with the American grown article. The roses were planted in the ground, probably no drainage, with several 4-inch hot water pipes running lengthwise about two or three feet above the ground. Out of doors were what seemed acres of chrysanthemums, hydrangeas, hybrid roses, etc., in pots. Everything was in uniformly fine condition.

At the Kew Botanic Gardens I noticed a bed of penstemons and think this would be a useful flower for any garden. A bed of Anthony Waterer spiræa interspersed with eandidum lilies was attractive. Some Aconitum cammarum (var. Stoerkianum) looked as though they might have a market value. The roots of all the species are, however, very poisonous. Clarkia elegans showed up rich in color. Begonias semperflorens rosea and alba make fine bedders here. In the stove houses I noticed some fine specimens of Adiantum æthiopicum and A. Veitchianum, coarse varieties with long stems that might prove a welcome change from asparagus. I saw here a pink petunia called Mrs. F. Sander, the equal of which we have never been able to get in an American collection. Salpiglossis variabilis, a free flowering border plant, caught and held my eye and the most beautiful plant I ever saw was under a bell glass in one of the orchid houses; it was Macodes Petola. Outside, a bed of odd thorny plants were Solanum atropurpureum.

The La France rose takes the lead as a bedder. Mme. Cochet, color somewhat like Mermet, showed strong canes. Souv. de S. A. Prince was a fine white. Viscountess Folkestone and Augustine Guinoisean were fine pink and blush shades. Old Ulrich Brunner and Mrs. John Laing were here in all their glory. Hon. Edith Gifford was the best white seen. Princess de Sagan was a fine dark color and would make an excellent pot plant.

I next went by the way of Harwich to Antwerp, through the land of old Dutch windmills, through Brussels, over miles of level country where women could be seen in the fields with sleeves rolled up making hay. In due season I arrived in Basle, Switzerland, and after a visit to the place of my birth I again looked up sights floricultural. In the public market of this city were florists' stalls and an exceptional feature to me was that made-up designs for funerals were kept on sale awaiting a customer. The design most in evidence was the crescent wreath, the base being in most cases made of laurel leaves. The greenhouses here are mostly small even-span structures.

While in Zurich I visited the establishment of Otto Froebel. A novelty seen here was Franciscea magnifica perfecta, flowers blue and resembling those of a hibiscus. Euphorbia fulgens is grown here and I was told they prefer it to Poinsettia pulcherrima. Some finely colored crotons were grown in a frame exposed to the full sunlight. In the herbaceous garden Tigridia conchiflora made quite a show. It is called "Eintagsblume" in German because the individual flowers last but a day.

In the public gardens of Geneva the beds of tuberous and Vernon begonias eclipsed all else as fine bedding plants.

At the Paris exposition I saw some remarkably fine dracaenas, crotons, etc., and was especially pleased with Kentia australis, Maranta illustris and Pandanus Sanderi. The latter is more variegated than Veitchii and is a grand thing. I also noted a fine lot of Ardisia crenulata grown in a mixture of sand and leaf-mould in 6-inch pots. A bed of Cele-

sia gigantea well deserved the name, as the heads of most of them measured a foot lengthwise. I expected a better exhibit of cannas. The following three looked like good ones: Lt. Col. Marchand (resembling Florence Vaughan) Mrs. Dreer and Prof. Bazin. Dracaena Doucettii, a novelty, is a variegated D. indivisa and a fine thing. Among vricas, E. gracilis, a fine pink, and E. monadelpha, appeared to be the best ones.

There was a grand show of dahlias. Among those of the cactus type these appeared to have the preference: Ginevra, Mons. Bouvier, Rossini, Bicolor, Grandiflora rubra, Ariane, Sylvia. Among chrysanthemum dahlias these: Ruby, Cycle, Matchless (dark, elegant), Rey des White, Papa Charmee, Mistress Thornton, Jane Baslan, Starfish, Norfolk Hero. Among singles: Grandiflora alba, Attraction, Étoile de Lyon, Miss Helyett, Papillon, Clematite, Paul Soleilcte, Agathe, Le Lyonnaise and Minos (large, dark, elegant).

I managed to get to Versailles, a suburb of Paris, where there were oceans of flowers in the beds, including calceolarias, white daisies and marigolds.

I would warn members of the trade not to take the rail route from Paris to Dieppe unless they have their lives insured, as the swaying of the railway carriages resembles somewhat the movements of a tight rope walker. After casting my bread upon the waters with liberal impartiality, both when crossing the channel and the briny deep, I arrived safely in the old Bay state with a somewhat depleted treasury but in place of the vanished coin a broader idea of our business and the satisfaction of having been more than seven miles from the smoke of a chimney.

Edward Winkler.

Wakefield, Mass.

PHILADELPHIA.

The Market.

The social wheels are revolving faster and faster now. Good stock sells on sight, unless the seller has two exalted an idea of the value of his wares. Roses are still short in supply. Carnations are more plentiful and sell well. Mignonette and violets are in brisk demand. Bulbous flowers are getting more plentiful. Yellow tulips, which were scarce early last week, were in good supply toward the end of the week. Both double and single daffodils have come; this week will find them more plentiful. Valley is not in form now, being devoid of foliage. Asparagus has been rather scarce. Here is a chance for Chester county. This green is easily grown; the sprays said to be most profitable can be grown in low houses and it is a great shipper.

A Visit to W. K. Harris.

William K. Harris' place at 55th and Springfield avenue is always interesting to florists. The stock is well grown and the establishment run in a systematic, business-like way ,that commands success. The proprietor, his son and his foreman, Mark Mills, were all absent, but we were kindly received by a jovial assistant who was in charge; we later found he was an apt pupil of Julius Rochrs.

There were three houses of rubbers, one each of tree, small branching and straight stems; the latter were in fine condition. There was a lot of palms; arecas in a variety of sizes looked well. Then there was a whole house of Pandanus Veitchii, evidently grown in benches and shitted into marketable sized pots. This method saves time, but I think at a loss in character and stamina, which no plant can afford. Boston fern is remarkably well done—better than I have seen it elsewhere. There are some nice Adiantum Farleyense and some original pottery ware, the contents of which the aforesaid disciple prefers not to have mentioned.

Among the flowering plants, genistas were conspicuous; also lilies, apparently Japan longiflorums. There were a few fine bougainvilleas in bloom, and here and there early azaleas nearly ready. Besides the genistas and lilies for Easter, Deutzia gracilis and Crimson Rambler roses were under way.

The bulbous stock made a pretty bit of color. In tulips La Reine was of good size and stem, with that tinge of pink that adds charm to this variety. Yellow Prince had evidently been experiencing a run. A new single purple was of a shade suitable for the royal obsequies but hardly likely to prove a winner. Daffodils, both single and double, were grown in 6-inch pots, the single varieties being very prominent. Valley is not in full crop just now. Phil.

BOSTON.

Trade Conditions.

The last week of January proved quite a profitable one generally, both among the growers and the retailers. The exception in order to prove the rule is in the case of the violet men, whose wares are moving more sluggishly. Roses came much more freely, but the demand utilized them all at first-rate prices until the very last day of the week, when the very best grade were obliged to flinch a little. The carnation cut has not increased and is not expected to do so soon. The bulb blossom supply has fallen off 50 per cent with almost enough increase in price to offset the loss, and the same statement is true in regard to lilies on a basis of 25 per cent instead of 50. Of course there are always odds and ends of material coming in and perhaps there is a little more variety in this class of matter just now, but the fact surely remains that New England as a community uses but little variety of cut flowers at any one time of the year.

Perhaps growers of red roses may also think they have a grievance just now since there is but little call for their goods as they cannot so well be used in funeral work. It is almost fortunate for them that there are so few being cut at the present time, else prices would be lower.

Various Items.

John May's son, from Summit, N. J., has been sight seeing in this vicinity. No, American floral conditions are not complete until New England returns are in.

The date of Saturday, March 9, has been fixed upon for the annual carnation exhibit at the Co-operative Market. The committee of arrangements consists of Messrs. Peter Fisher, Wm. Nicholson and Geo. Cartwright, any one of whom may be addressed for particulars. Descriptive circulars will be mailed extensively at the proper time, and it will be a good plan to make sure your address is with the committee. Generous prizes are to be offered.

Probably the most interesting feature to the commercial grower last Saturday in the old hall across the way from the "Old Granary Burial Ground" was M. S. Patten's carnation exhibit. In a discussion about the best grower in New England his name is sure to be mentioned. Of course, the grand Ames' display of orchids could not fail to be of interest, being surely the best I ever saw in my limited experience. The limitless array of camellias was remarkably fine, as were also a dozen of huge Primula obconica from Harvard. Their color was a feature, being a very light lavender. I saw nothing else of special interest, although there was a good collection of flowers, plants and certain vegetables.

Madame de Chateney Rose.

Among the new roses aspiring for favor in this section is the Chateney, which bids fair to outclass all competitors. The few I have seen came from the skilled hand of Robert Miller, manager of the Exeter Rose Conservatories in New Hampshire. They were magnificent to the senses of sight and smell and the claim is strongly made that they will satisfy the commercial instinct just as thoroughly. In size and general makeup the cut flower resembles the largest Bridesmaid with a beautifully shaded petal. Its aroma more nearly resembles that of the Bon Silene. Boston buyers are inquiring about it and have allowed very gratifying pocket-book receipts for the few obtainable so far. It looks like something that will well bear watching.

J. S. Manter.

BUFFALO.

The sharp, freezing weather of late has pleased everybody except the doctors. The health of the community is good, and when that is the case the trade of some florists whose business runs in a certain line is liable not to be so good.

Roses and carnations are a little more plentiful than they were. Violets extremely plentiful. Plenty of Harrisii lilies nowadays, and also fine tulips and narcissus. So there is enough to meet the demand.

We have had several visitors of late, mostly of the drummer order. It's a long time since I have attended to these gentlemen in their official capacity. We just missed Mr. Joseph Rolker by thirty seconds, after several attempts to connect. The leonine face and figure of Mr. Arnold Ringier was very busy here for several days. He believes in doing the town thoroughly. His youthful training in climbing his native Alps has endowed him with a constitution that can stand most any kind of weather or icy sidewalk. Then we have had that much traveled Antipodian, Mr. McHutchison, of New York, who can talk most interestingly of theology, political economy, the Maori of New Zealand, the 400 feet of towering blue gum, or the duck-billed Platibus of Australia, that strange connecting link between the birds and the true mammals.

Perhaps there are a few of your readers unacquainted with this strange creature (I don't mean Mr. Mc.), the existence of which is such a marvelous lesson in the history of evolution. About the size of a muskrat, with a body not unlike it, it has the hair or fur of a rab-

bit, but instead of a nose the perfect beak or bill of a duck, short legs, with webbed feet; it lays an egg, but suckles its young. And if you want to see this wonderful survival of the dim past you must hunt for him in Australia, where he still exists in life, but a specimen can be seen in the Museum of Natural Sciences of Montreal.

The other connecting link that was here was Mr. Barclay, of New York and Chicago. I call him that because Aberdeen is the connecting link between the Highlands and Lowlands of Scotland. Mr. Barclay is a splendid example of how you can preserve all physical and mental faculties to an advanced age by a simple diet and a virtuous youth.

Unlike most of the cities which are in the front rank as bowlers, our boys have scarcely had a game since New York. But two weeks ago they got together and are now having a game every Thursday night. There were present at the last meeting Messrs. J. Braik, G. Troup, G. McClure, W. Greever, W. Adams, W. F. Kasting, W. Weber, C. Reish, W. B. Scott, D. J. Scott. In four games G. McClure and W. Weber averaged about 180 and Troup and Braik were close up. Your correspondent had to attend a vestry meeting of his church, but he intends to be present hereafter. Some may think it's curious for elderly men to bowl. I think it's fun to see men like John Westcott and Deacon Harris take part in a game with their juniors. Be boys as long as we can. We have all too little recreation in our scramble for existence.

Any misgivings we had about securing a set of alleys good enough for the convention have been set at rest, as we are assured that eight fine alleys are soon to be built in a central location on Main street and will be ready long before Chicago and the rest will visit us to meet their Waterloo. W. S.

ST. LOUIS.

The Market.

Business of late has been fairly good but there has been no great rush at any particular time. Good roses are selling well and will no doubt continue doing so until Lent sets in. The first few days of the past week flowers sold well, and the wholesale houses were soon sold out of their stock. Flowers of all kinds are scarce, particularly so with the first-class grades. First-class Beauties are very scarce and bring top prices. Brides, Meteors, Maids and Perles are also scarce and bring as high as $8 for choice grades. Very few are sold below $5.

Carnations are not over plentiful, except Scotts. Daybreak, White Cloud and Crane are fine and choice stock brings $3; ordinary stock, $2; very few are sold at $1.50. Good scarlets seem scarce and are in good demand; whites had the best call the past week.

Bulbous stock also had a good call all week and nothing was left over except a few Romans, which sold at $2, some at $1.50; paper whites, $3; good valley, $4; Von Sion, $4; freesias, $3. A few tulips and Dutch hyacinths are coming in. Harrisii are out of the market and callas are selling well at $15 per 100.

Violets are selling well, the best Californias bringing 40 to 60 cents per 100, 30 cents in 1,000 lots. The few Princess of Wales that come in bring 75 cents. Southern stock is coming in now, but the sale is slow and 20 cents per 100 is about all they bring.

The cut of smilax has been very heavy and will be scarce for some time. The price for fine, large strings is 15 cents, but the average is about $12.50 per 100 strings.

Notes.

F. W. Zachritz, keeper of Grayois Park, died of apoplexy the past week. Mr. Zachritz was the father of Judge William Zachritz, of the Circuit Court of St. Louis, and was well known among the trade.

John M. Hudson is up and around again and is at present selling trees for the Sanders Nursery on Delmar boulevard.

William Bouche, the landscape gardener, is very busy at present making plans for the new Edgemont and Day parks at East St. Louis, Ill.

Frank Gutzman of North Broadway reports that trade with him since the first of the new year has been all that he expected.

Don't forget the club meeting next week. The three essays by Messrs. Weber, Berning and Beneke will be very interesting. The entries for the rose show are very large and the trustees will have everything in readiness at 2 p. m. The meeting will open promptly at 3 o'clock.

The decorations for the high school graduating exercises last week at the Odean building were elaborate. The work was done by George Ostertag and was much admired.

Fred Weber was quite busy the past week with receptions, using on one occasion over 200 Beauties.

George Waldbart has nothing to complain of during the month of January; plenty of good work of all kinds.

Ellis & Tesson, at 625 Olive street, have been having plenty of funeral work of late. This with other work has kept them very busy.

James S. Wilson of Western Springs, Ill., was a visitor this week, and called on his many friends in the trade.

J. W. Canaga, with W. A. Duke, Danville, Ill., was in town Monday, buying supplies and calling on his friends.

Bowling.

The bowling club had a great time Monday night entertaining their old friend, Jim Wilson, of Chicago. Nine members were present and some good scores were made. The last game saw a great finish between Wilson, Kuehn, Beneke and Adels. The scores were as follows:

	1.	2.	3.	Total.	Ave.
C. A. Kuehn.....	167	154	187	508	169
J. J. Beneke.....	165	123	193	481	160
J. S. Wilson.....	146	134	193	467	156
C. C. Sanders....	125	169	152	446	148
F. C. Weber.....	112	151	156	428	142
Will Adels	118	137	179	424	141
John Kunz	146	149	114	409	135
John Young	112	99	118	329	113
Theo. Miller	106	87	96	289	96
Frank Ellis	...	75	112	187	93

J. J. B.

CHICAGO.

The Market.

The supply of roses has increased a trifle during the past week and prices are somewhat easier on medium grades, though there is no change on first quality. On carnations prices are a little lower on poor grades, but the best still hold to former figures. Bulbous stock is in less demand than ever, and of violets there is a serious surplus. Even first class violets are moved with difficulty, and the other kind are practically unsalable at any price.

The principal call is still for white, indicating a continuance of the demand for funeral flowers. Lilies sell well, both Harrisii and callas. General trade conditions continue fair for the season, though the volume of trade will hardly exceed that of last year at same period.

Club Meeting.

At the meeting of the Florists' Club last Friday evening there was a good attendance and the use of iron in greenhouse construction was thoroughly discussed. The two essays that were read at the meeting will be found elsewhere in this issue.

During the discussion, in response to an inquiry, Mr. Jas. Hartshorne thought that it would take an iron frame house three years to pay for itself from its product, while a wooden one would pay for itself in about two years. He thought the semi-iron construction would on the whole pay better on the investment.

Referring to the setting of iron posts in cement, Mr. W. W. Coles, who was a visitor, said he had set wooden posts in this way with very gratifying results. Instead of tamping in the soil the space around the post in the hole was filled with cement, and posts thus set had been as solid as a rock and had lasted longer than others.

Mr. Rudd said red cedar posts were all right, but he would never use another white cedar post in a greenhouse. Mr. Garland said that he thought locust would last the best of any wooden post. Mr. McAdams noted that locust posts were much used in the east. Mr. Broadbeck said locust would last much better in clay than in sand in this section, on account of the sal ammoniac in the latter.

The tenor of the remarks by all the speakers was to the effect that the iron post and iron gutter construction was undoubtedly the thing. Mr. Wittbold said they had had the Garland iron gutter in use for eight years and would not dream of using wooden gutters again, even if they could get them for nothing; and it was brought out that Wietor Bros. had by using the Garland iron gutter and post style of construction in their new range of fifteen houses gained 15,000 square feet of bench surface over what they would have had by following the old style. This they consider was equivalent to giving them 20,000 feet of additional glass as well as permanent houses. They are very enthusiastic regarding this style of construction.

The committee on transportation to the Buffalo convention of the S. A. F. next August was appointed, as follows: G. L. Grant, P. J. Hauswirth, E. F. Winterson.

A committee on the co-operative purchase of coal was appointed and consists of W. N. Rudd, Jno. P. Risch, Peter Reinberg, N. Wietor and Louis Wittbold.

Geo. C. Hartung was elected to membership in the club and before the close of the proceedings Edgar Sanders read some humorous verses on the "Red violet" that were received with much applause.

After the meeting a few adjourned to the bowling alleys, but no 250 scores were made.

Various Items.

Messrs. N. Wietor, Peter Weiland and Luke Collins recently took the now fashionable trip through the Indiana carna-

tion belt. Mr. Weiland was much impressed by the fine new carnations seen at Dorner's, at Lafayette, and was glad to hear Mr. Hill, at Richmond, talk of carnations at 20 cents each in the future. He thought that Dorothy, at Mrs. Graves', Richmond, was as prolific as Scott and a better stem and flower, and believes that Mr. and Mrs. J. A. Evans will be able to raise their baby in the right way, now they have had so many valuable pointers on the care of children from Mr. Wietor. The party saw some fine roses at the South Park Floral Co.'s plant at New Castle, and they were so liberally entertained all along the line that they came home with an excellent opinion of Hoosier hospitality.

MILWAUKEE.

The Market.

A continued shortage of white stock, especially in roses and carnations, together with an unusual amount of funeral work, was experienced during the most of the past month. Roses were badly off crop and at times it was difficult to fill orders satisfactorily. Paper whites, valley, Romans and violets kept pace with the demand and were used freely to help out when other stock could not be had. Good American Beauties were out of the question, but short, inferior blooms were plentiful. Colored carnations were about the only weak spot on the market at times. Smilax has also shortened up considerably.

In roses, good Maids and Brides ranged at various times from $6 to $10 per 100; seconds from $3 to $4. Carnations—white, $2 to $3; colored ordinary, $1 to $1.50; good fancy sorts, $3 to $5. Violets, fancy, averaged about $1 per 100, with inferior stock moving at any price obtainable. In blooming plants, azaleas, cyclamen, primroses and mignonette predominated, but dealers report sales rather light. C. C. P.

ST. PAUL.

Various Notes.

While business in many other lines has been dull owing to unusual weather conditions, trade in the florist line has been good. Sales for January, the darkest month in the whole year, have been ahead of the average, and have probably never been exceeded. Flowers have been scarce ever since the holidays, and will probably continue so until Lent begins.

The weather has been unusually dark and cloudy, which is not conducive to big cuts. The quality, however, has been fairly good. Beauties have been in good demand and buyers less inclined to grumble about prices than formerly. A few good Libertys are seen and easily lead the Meteor, as their form and color are superior to that favorite. I confidently predict big sales and large plantings of this grand rose another season. If Brother Asmus will only give frequent instructions for the cultivation of this variety, it will soon become popular with the growers.

Carnations have succeeded poorly so far this season, owing no doubt to the unseasonable weather. Violets continue scarce, although there are plenty of buds in sight.

Hyacinths, daffodils and other bulbous stock are appearing and are the welcome harbinger of spring.

We hear of no extensive building here this season, but in Minneapolis the infusion of new blood into the florists' ranks has given a decided impetus to building, and we may soon look for places like Reinberg's in our sister city. Seriously speaking, however, I believe there is a lack of modern built greenhouses in this city and opportunities for selling much more stock than is now grown here. X. Y. Z.

OMAHA.

Various Items.

The demand for cut flowers has been very brisk the last week. Funeral work of every description, from common designs to the more artistic bunches, has, with the demand from other sources, created quite a shortage in the market.

A number of growers are now finding their roses off crop, consequently the tight market is felt by them more than others.

The quality of stock is just what it should be. Maids and Brides are in elegant form, with fine stems. Beauties have suffered some from dark weather.

Prices, wholesale, seem to stiffen a little and indications are that they will go higher. Roses are now bringing from 5 cents, for poor seconds, up to 8 cents for firsts. Carnations have been as scarce as hens' teeth and the demand for same is very sharp. Bulbous stuff is in fair demand and of average quality. Violets are improving considerably, with demand about equal to supply.

A. Donaghue, Jr., is having a new plate glass front put in his store. B.

Michigan City, Ind.—Chas. Kintzele has just completed a new rose house 30x100 feet.

Madison, Wis.—Fred Rentschler has purchased for $4,500 a choice corner lot 132 feet square, on which he will erect 8,000 or 10,000 feet of glass. The houses are to be completed by July 1.

Bellefontaine, O.—The potting shed at the greenhouses of Poole & Purllant was destroyed by fire last week. Fortunately little damage was done to the greenhouses. Loss about $200.

Chattanooga, Tenn.—C. O. Hunt, formerly keeper of the Oxley Zoo, will in a short time open a wholesale and retail flower store in the city, and will be associated with his brother, Frank Hunt, who is at present in the business at St. Louis.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

Situation wanted—By an experienced man used to general greenhouse work; capable of taking charge of section; life experience; married; age 35; best reference. Address J. Chnt McPheron, Carrollton, Ill.

Situation wanted—Florist and gardener, English, four years in America, desires situation; A1 grower of cut flowers and plants; experienced in floral designs and landscape gardening; good references. Address Florist, care of M. H. Smith, Lone Star, Fresno Co., Cal.

Situation wanted—By a boy, 16, as apprentice in large place, private or commercial, to learn the trade. Ambitious, intelligent and of good character. Address Apprentice, care of Gaffney, 632 Sixth Avenue, New York.

Situation wanted—By up-to-date grower of cut flowers, bedding plants and vegetables; also good landscape gardener and designer; best references; Illinois and Missouri preferred. Address Gardener, Box 223, Elkins, W. Va.

Situation wanted—By a thoroughly first class up-to-date designer, decorator and salesman in a large city; best of references. Address Decorator, care Florists' Review.

For sale—Greenhouse property, over 6000 feet of glass, well stocked with roses, carnations, bedding plants, etc; good trade established; town of 5,000, near Cincinnati. Sell at a bargain. Address Floral Co., care Florists' Review.

For sale—Lease of greenhouses—6,000 square feet of glass—and stock; all in good condition; within 12 miles of Chicago. Address E. B. C., care Florists' Review.

For sale—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

For sale—Greenhouse property, 4,000 ft. of glass, well stocked with Carnations, Smilax, Lilies, Primroses, Cinerarias and all kind of bedding plants in the best shape; 1 acre land, good residence, 25,000 population, in center of Wisconsin. Owner wants to go out of business on account of ill health. Address Wisconsin, care Florists' Review.

For sale—Part interest in 6000 feet of glass in growing southern seaport city; fine market, general stock; healthy fine climate; will sell at a bargain; have other business. Address Southland, care Florists' Review.

For sale—A well established florists' business, containing over 4000 feet of glass in first class running order, heated by steam and well stocked with plants for Easter and Spring sales. A grand opportunity for a starter. Will sell at a bargain. Reasons for selling, owner would like to return to Germany. Address A. Schoepen, Marietta, Ohio.

For sale—Nursery and Fruit Farm, three miles east of Dublin, Tex; 125 acres, 55 acres in orchards, viz: — 25 in apples, 20 in peaches, 5 in plums and 5 in blackberries, etc. A well established nursery, been in operation 18 years; 2 pastures of 10 and 50 acres; 100 5-year old walnut trees in smaller one; both enclosed by hog and goat proof fence, one pasture watered house, good barn and crib, store house, packing house, 2 good cellars, well and windmill, cistern, good dwelling cost over $1,000; the most desirable place in Erath County. Price $5,400. $3,000 cash, balance, easy payments.

J. W. Higginbotham, Dublin, Erath County, Tex.

FOR SALE. Greenhouse plant of 6 houses in Jersey City, well stocked and in full operation. Address JOHN MORRELL, 82 Madison Av., Jersey City, N.J.

FOR SALE A florist's place of 3 acres, 3 greenhouses, each 75 feet long and 17 feet wide, heated with hot water, stocked with carnations, smilax and violets; trolley passes the door, village water, good dwelling and stable, six minutes to station on the Harlem R. R., short distance from New York City, population over 10,000. The place must be seen to be appreciated. A good chance for a live man. Address P. O. Box 26, Greenwich, Conn.

Mention The Review when you write.

FOR SALE. A first class opportunity to buy a well established business—12 houses—about 18,000 sq. ft. of glass, two-third new, well stocked with decorative and flowering plants, in city of 60,000 inhabitants. For full particulars, address

T. BERST, Floral Store, No. 11 W. 8th St., ERIE, PA.

Mention The Review when you write.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Mention The Review when you write.

PANSIES and VERBENAS

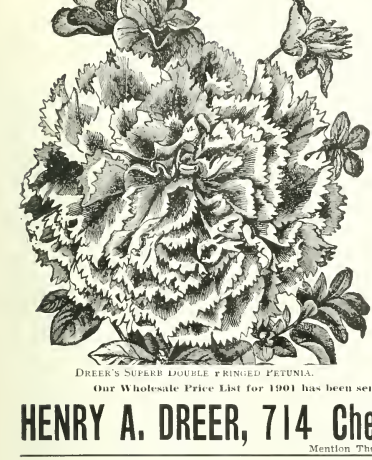
Pansies—Fine transplanted plants of Bugnots, Casters, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—S. A. Nutt, Grant, Red Bruant, Pink and La Favorite, 2¼-in., $3 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 5-in., $3 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

DREER'S RELIABLE FLOWER SEEDS.

The following is a short list of articles which should be sown early.



DREER'S SUPERB DOUBLE FRINGED PETUNIA.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, a fine dark blue sort	25c	$1.00
" Cope's Pet, the dwarfest blue	15c	.35
Aster, Queen of the Market, white, pink or purple	25c	.75
" finest mixed	15c	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb		.10
Carnation, Marguerite, finest mixed	20c	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
" gymnocarpa, " 15c		.40
Cobea scandens, purple	10c	.30
Cyclamen per, giganteum, finest mixed, per 100 seeds, 60c, per 1000 seeds $5.00		

	Trade Pkt.	Oz.
Dracæna indivisa	10c	.30
Grevillea robusta	15c	.40
Heliotrope Lemoine's Giant	40c	2.00
Lantana hybrida mixed	10c	.20
Lobelia, Crystal Palace compacta, true	30c	1.50
" gracilis, light blue, trailing	15c	.45
" speciosa dark	20c	.60
Mignonette, Allen's Defiance, very large spikes	15c	.50
" Machet, true select stock	15c	.50

Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1,000 seeds, $1.50

	Trade Pkt.	Oz.
Petunia, Dreer's Superb Fringed, single	50c	
Phlox Drummondii grandiflora, finest mixed	15c	.50
" nana compacta, finest mixed	30c	1.50
Pyrethrum aureum [Golden Feather]	10c	.30
Salvia splendens [Scarlet Sage]	30c	1.50
" " " compacta erecta, "Bonfire"	50c	2.50
Smilax, per lb., $3.50	15c	.35
Stocks, large flowering, 10-week, separate colors	40c	2.25
" " finest mixed	40c	2.00
Thunbergia, finest mixed	10c	.30
Torenia, Fournieri	30c	
Verbena, Mammoth, white, scarlet, pink, purple, striped	30c	1.50
" finest mixed	25c	1.00
Vinca rosea, rosea alba, alba pura	20c	.60
" finest mixed	15c	.50

Our Wholesale Price List for 1901 has been sent to all Florists, if you have not received it please notify us.

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A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

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Young plants for sale $2 per 100, $15 per 1000.

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Send check for $2.00 and volumes now ready will be sent at once, express prepaid. Pay balance $2.00 monthly. Four volumes, $8.00 per volume.) Over 2,000 pages and illustrations.

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Roses, Coleus, English Ivy...

We believe in shifting young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in., and is equal to most stock advertised as 3 in., and when we send it out is well established.

Meteors, Brides, Maids, Perles, La France, Wootton, Kaiserin, Belle Seibrecht, Pres. Carnot, Golden Gate, Am. Beauties.

ROOTED CUTTINGS OF COLEUS.

Verschaffelti, Golden Bedder, Yellow Queen and Mixed.

ENGLISH IVY

In 2½, 3 and 4-inch pots — fine strong plants. Write for prices of any of the above to

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LETTUCE. Big Boston and Boston Market, and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE. Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO. Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other **Vegetable Plants**, also **Flower Plants**. Send for list.

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Following prices after February 1st.

	Per 1,000		Per 1,000
In 1,000 lots...	$1.25	In 10,000 lots...	$1.10
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JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

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TARRYTOWN, N. Y.

Meeting of the Tarrytown Hort. Society.

The Tarrytown Horticultural Society held its regular monthly meeting at the Vanderbilt building, January 31st and the newly elected officers were installed. President Smith in addressing the members said that he depended on everyone to help him carry the work and welfare of the society; that though the past two years were very successful in every way, there is still room for improvement. He said in particular, that none of our meetings should be without an exhibit of some kind, plants, flowers or vegetables, and that those members having same, ought to bring them. It would make our meetings more interesting.

F. R. Pierson Co. had on exhibition four plants of the new English variety, white-crested cyclamen "Bush Hill Pioneer," which was greatly admired and to which the society awarded a certificate of merit.

Mr. Wm. Turner, Rockwood Hall, also received the same award for a very fine lot of the following carnations: Mrs. Jas. Dean, Mayor Pingree, G. H. Crane, Marquis, Gen. Gomez and White Cloud. In speaking of them, Mr. Turner made some very interesting remarks, particularly that he grows his carnations in a temperature of 50 degrees at night with 10 to 12 degrees more in day time; that he never syringes them and that with proper ventilation and an even temperature he is never troubled with red spider.

A letter was read from the Dutchess County Historical Society, inviting the members to attend their annual dinner to be held February 12th at the Nelson House, Poughkeepsie, N. Y. President Smith and Secretary Cockburn will attend.

The committee was ordered to make an early preparation of the schedules for the next fall show for which the following dates were selected, November 5th, 6th and 7th.

Messrs. Cooke & McCord offered a prize of $25 for the best collection of vegetables grown from their seed.

Mr. John Whyte, of Scarborough, N. Y., was elected a member of the executive committee, to fill the position of Mr. J. M. Connellon, who has resigned and left Tarrytown.

Two new members were elected, Mr. Dayton C. Belknap and Mr. F. E. Week, both of Tarrytown.

L. A. Martin,
Press Secretary.

A BALL.

The employees of Hitchings & Co., horticultural architects and builders, of New York and Jersey City, announce that their grand annual ball will be held at Columbia Hall, Ocean and Cator avenues, Greenville, Jersey City, on February 18. Judging by the success that attended the preceding balls given by the employees of this company, this should be a very enjoyable occasion, and they wish to extend a hearty invitation to all their friends to participate in same. Music will be furnished by Prof. Beggs' full orchestra.

J. N. McArthur,
Chairman Arrangement Com.

Beatty, O.—The Fairview Floral Co. is doing double the business done during the same period last year and is arranging to erect four new 100-foot houses and are building another packing house.

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Hunt's Flowers Go Everywhere.
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Regular shipping orders given special attention. We have the largest plant west of Chicago.

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For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

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Home Grown, Fine Clean Stock; Grown Cool.

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CASH WITH ORDER.

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Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

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COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$9.00 to	$10.00	per 100
Good " "	7.00 to	8.00	"
Perles		6.00	"
Meteors	9.00 to	10.00	"
Roses, our selection	5.00 to	6.00	"
American Beauties—			
Long	6.00 to	7.00	per doz.
Medium	3.00 to	4.00	"
Short	1.25 to	2.00	"
Callas and Harrisii	1.50 to	2.00	"

Carnations, fancy	$3.00 to	$4.00 per 100
" fine	1.50 to	2.00 "
" our selection	1.25	"
Smilax	1.50 to	2.00 per doz.
Ferns, Adiantum	1.00 to	1.25 per 100
" Common	1.50 per	1000
Galax Leaves	1.50	
Lily of the Valley	4.00 to	5.00 per 100
Roman Hyacinths	3.00 to	3.50 "
Violets	.75 to	1.25 "
Paper White	2.00 to	3.00 "
Asparagus	.60c per string	
Leucothoe Sprays	75c per 100	
Tulips	$1.00 to	$3.00 per 100
Daffodils	3.00 to	4.00 "
Freesia	3.00 to	4.00 "

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HEACOCK'S PALMS.

I offer the following list of assorted Palms, all in perfect form and entirely free from insects or blemishes of any kind.

ARECA LUTESCENS.

3 plants	5-inch pot	24 to 28 inches	$12.00	per doz.	$100.00 per 100
3 "	8 "	36 inches, fine	3.00	each.	

COCOS WEDDELIANA.

1 plant	3-inch pot	12 inches high			$ 25.00 per 100
3 "	5 "	18 "	$1.00	each,	100.00 "

KENTIA BELMOREANA.

4-inch pot	5 to 6 leaves	15 inches high	$ 4.50	per doz.	$ 35.00 per 100
6 "	6 "	24 "	15.00	"	125.00 "
8 "	6 to 7 "	30 to 32 inches high			3.00 each

KENTIA FORSTERIANA.

4-inch pot	4 to 5 leaves	15 inches high	$4.50	per doz.	$35.00 per 100
6 "	5 "	24 to 28 inches	1.00	each,	12.00 per doz.
6 "	5 to 6 "	30 "	1.25	"	15.00 "
8 "	6 "	36 to 40 "	3.00	"	36.00 "

JOSEPH HEACOCK, WYNCOTE, PA.

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THE E. G. HILL CO.

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TOMATO PLANTS.

Beauty, in 3-inch pots	$2.00 per 100.
Lorillard, in 2-inch pots	2.00 "
Lorillard, transplanted plants	.50 "

Cabbage Plants, Jersey Wakefield, ready March 1st. Write for prices on large orders.
Smilax from flats sold out for the present.

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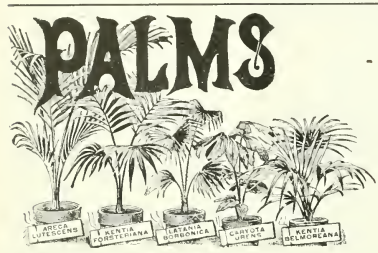

Young Palms for Growing On

Sizes and varieties offered below are probably the cleanest, thriftiest and best valued plants we have ever offered; all are in condition for immediate potting on, and will prove a paying investment to anyone having room to handle same.

ARECA LUTESCENS

		Per doz	Per 100.	Per 1000.
4-inch pots,	2 plants in a pot, 15 inches high,	$3.00	$25.00	$200.00
5 "	3 and 4 " " 18 to 20 "	5.00	40.00	350.00

KENTIA BELMOREANA

2½-inch pots,	3 to 4 leaves, 8 inches high,	$1 50	$12.00	$100.00
3 "	5 leaves, 10 to 12 "	3.00	25.00	200.00

KENTIA FORSTERIANA

2½ inch pots,	4 leaves, 8 to 10 inches high,	$1 50	$12.00	$100.00
3 "	4 to 5 leaves, 10 to 12 "	2.50	20.00	180.00
4 "	4 to 5 leaves, 15 "	4.50	35 00	300.00

LATANIA BORBONICA Nicely characterized, stocky, perfect plants, of exceptional good value.

3-inch pots, 5 to 6 leaves, 10 to 12 inches high..... $1 00 per doz; $8.00 per 100; $75.00 per 1000.
4-inch pots, 6 to 7 leaves, 12 to 15 inches high..... 2 50 " 20.00 " 150.00 "

PTYCHOSPERMA ALEXANDREA 5-inch pots, 5 to 6 leaves, 20 to 24 inches high, $3.00 per doz.; $25.00 per 100.

HENRY A. DREER, 714 Chestnut Street, Philadelphia.

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KALAMAZOO, MICH.

During the past month trade here has been good. Roses have not been over plentiful, but are of excellent quality. Beauties, of which there is a good supply, command good figures. Meteors good; supply not equal to the demand. Carnations are not quite so plentiful as at the holidays, but are good in quality; demand brisk for good stock at from 3 to 4½ cents. Violets showing for a heavy crop in the near future.

The Dunkley Floral Co. are cutting some very fine carnations, particularly Armazindy, which seems to do well in the kind of soil we have here. This place for the past year has been under the management of Mr. M. F. Kyle, formerly of Chicago. Stock both in pots and benches, and indeed, the whole place, shows that it is in charge of a careful and up-to-date grower. In his recent visit to Chicago, Mr. Kyle looked up some of the places where the Liberty rose is grown. He did not see any of it in such a stage as would bear out the high eulogiums bestowed on it last year.

Meteor will be planted in its usual quantity around here this season.

The Van Bochove establishment is looking well as usual. Roses are coming into good crop. Carnations are slightly off at present. Bulbous stock, lilies and valley are plentiful. Funeral work during the month has been heavier than usual. They are earning quite a reputation as designers. Their propagating house is in full blast and from present indications they are likely to turn out some healthy stock.

The rooted cutting epidemic has struck our city. Glad it is not in a very virulent form.

We are in the midst of the worst snow storm of the season, and it looks as if we were going to get some winter after all. "Shoot that ground hog!"

RIBES.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

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3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

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Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

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PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000. f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU, 199 Grant Avenue, Jersey City, N. J.

Hardy Pinks

Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.
Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

CHARLES S. DUTTON, 85 W. 12th St., HOLLAND, MICH.

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ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Geraniums, 2¼-in., all named, $2.50 per 100; $20.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders. Write

S. D. BRANT, Clay Center, Kans.

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Pure Raw Bone Flour and Hardwood Ashes for sale

Sample and price list mailed on application

Office and Factory... 645 Canal St., Bethlehem, Pa.

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Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,

CORFU, Genesee Co., N. Y.

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BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 10,000 X X strong Bruanti, Grant, Heteranthe, S. A. Nutt, Beaute Poitevine, Mrs. E. G. Hill, Frances Perkins, La Favorite, Mrs. J. M. Gaar, Mme. Bruant, Athlete and others. Choice varieties, true to name. Strong 2½-inch, ready for 4-inch, $2.50 per 100; $22.50 per 1000. **Rooted Cuttings** of the above varieties, XX strong, ready for 2½-inch pots, $2.00 per 100, $18.00 per 1000.

COLEUS, our champion collection, embracing the newest sorts and only those of decided merit. All bright colors, clean and healthy. Strong plants from 2½-inch pots, $1.50 per 100. Strong rooted top cuttings, fine ones, ready for 2½-inch pots, 75c per 100; $6.00 per 1000.

VERBENAS, 20th Century Collection New Mammoth, 25 grand varieties, 2-inch and 2¾-in., strong healthy plants, green as grass, full of cuttings, $2.00 per 100; $18.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¾ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¾-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.

Alternanthera, red and yellow, 60c per 100, $5.00 per 1000.

Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty. Cepe's Pet, white; 60c per 100; $5.00 per 1000.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000.

Daisies, 2 best vars., $1.00 per 100, $8.00 per 1000.

Verbena plants, 5 ogg., full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000

Heliotrope, 2½-in., strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. THAT CASH, PLEASE.

C. HUMFELD, - Clay Center, Kansas.

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Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Dle	$2.00	$60.00	Gold Nugget	$5.00	$25.00	Frances Joost	$1.50	$10.00
Guardian Angel	6.00	50.00	Crane	5.00	25.00	Cerise Queen		10.00
Sunbeam	10.00	75.00	Chicago Red Beauty	5.00	25.00	Ethel Crocker		10.00
Bon Homme Richard	10.00	75.00	America	2.50	20.00	Gov. Griggs		10.00
Nydia	10.00	75.00	Mrs. Bradt	2.00	15.00	Medina		10.00
Prediflca	10.00	75.00	Maceo	2.00	15.00	Daybreak		10.00
Irene	10.00	75.00	Gomez	2.00	15.00	Armazindy		10.00
Mrs. Lawson	6.00	50.00	Triumph	1.50	12.50	White Cloud		10.00
Marquis	4.00	35.00	John Young	1.50	12.50	Hill	1.00	8.00
Genevieve Lord	1.00	35.00	Argyle	1.50	12.50	McGowan	1.00	7.50
Crocker	4.00	35.00	Evanston	1.50	12.50	Evelina	1.00	7.50
Peru	3.00	25.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$2.00	$15.00	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

Two and a half inch ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$5.00	$25.00	Golden Gate	$5.00	$30.00
Bridesmaid	5.00	25.00	Meteor	5.00	25.00	Kaiserin	3.00	25.00
			Perle	$4.00 per 100; $25.00 per 1000.				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

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WE SOLICIT A TRIAL ORDER....

ALL TELEGRAPH ORDERS GIVEN CAREFUL & IMMEDIATE ATTENTION

59 WABASH AVE., CHICAGO.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Mrs. T. W. Lawson	$ 6.00	$ 50.00	Mrs. Frances Joost	$1.50	$12.50
Marquis	4.00	35.00	Evanston	1.50	12.50
Genevieve Lord	5.00	40.00	White Cloud	1.50	12.50
Dorothy Irene	10.00	75.00	Flora Hill	1.50	12.50
Prosperity (new)	16.00	150.00	Gov. Griggs	1.50	12.50
Roosevelt	12.00	100.00	Triumph	1.50	12.50
Ethel Crocker	4.00	35.00	Melba, Daybreak	1.50	12.50
G. H. Crane	5.00	25.00	Mary Wood	2.00	15.00
Mrs. Geo. M. Bradt	2.50	20.00	Gold Nugget	3.00	25.00
Queen Louise	10.00	75.00	America	2.50	20.00
			McGowan, Evelina	1.00	8.00

ROOTED ROSE CUTTINGS.

	100	1000		100	1000
Am. Beauty / Ready later.			Bridesmaid	$1.50	$12.50
Liberty / Write for prices.			Golden Gate	2.50	20.00
	100	1000	Kaiserin, Perle	1.50	12.50
Meteor, Bride	$1.50	$12.50	La France	1.50	12.50

Florists ordering of us can rest assured of obtaining first-class stock, as we vouch for every cutting sent out.

WHOLESALE FLORISTS

Mention The Review when you write.

LOOK on page 233, Florists' Review, Issue of January 17, 1901.

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., Flatbush, N. Y.

DENVER, COLO.

Trade Conditions.

Trade in January was very good, though dropping off a little socially the latter end. There was, though, an oversupply of funerals, which kept us going. Flowers may be called scarce, the cut on roses being very short and demand good.

Some very fine carnations are to be seen and find ready sale, Marquis being good now, but Lawson is perhaps the best seller. Violets are coming in good, those grown by Benson, of Ft. Logan, being especially good.

Bulbous stuff is quite noticeable, but so far meets with a poor sale. With the society dates all filled ahead, business promises to be good during February.

Mr. Lyle C. Waterbury, for a few years engaged in the growing business at University Park (a new suburb), recently sold out to Young & Brinkert, two industrious young men, who show signs of going ahead, as they have already laid plans for building this spring.

I would like to say something about bowling but have no news, as our club seems broken up and only two or three are to be seen on bowling night. We tried to get Mr. Fotheringham, who recently traveled through here in the interest of the F. R. Pierson Co., into a game. He declined, but would, he said, "go to see a good show." None being in town that week, he in desperation went to church Sunday morning to hear perhaps the best organ in the country. Ask him.

Rocky.

PROVIDENCE, R. I.

Meeting of the R. I. Florists' Club.

The annual meeting of the Rhode Island Florists' Club was held at the club room, 96 Westminster street, when the following officers were duly installed for the present year: President, W. Hill; vice-president, M. Sweeney; treasurer, F. McCrea; secretary, A. Rennie; executive and other committee same as last year.

After going through with the usual forms, the brothers and friends adjourned to the supper room, where about thirty did their duty to the good things somewhat outside of their profession. Brother W. Chappel carried out the duty as toastmaster in his usual witty and pleasant manner. During the evening the retiring president, J. Hockey, was presented with a silver-mounted gavel. The evening was spent in the usual florists' manner and the club is going ahead in excellent shape.

There are quite a number of seedling carnations around here and a show is to be held in order to give honor where honor is due.

Prosperity.

167,000 ROOTED CARNATIONS READY TO SHIP

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeKoo Mitting, white, fine, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 1901	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Prolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Avondale (Hill) 1901		4.00	30.00
Queen Louise (Dillon) 1901	1.50	10.00	75.00
Irene (Croth & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00

	Per 100
Mrs. Thos W. Lawson, cerise pink	$3.50
Olympia, variegated	4.00
The Marquis	4.00
Glacier	1.50

	Per 100
Genevieve Lord, light pink	$4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.50
Chicago, scarlet	2.50
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

We Root 10,000 Carnations a Week.

...PLANTS...

	Per 100
True Boston Fern, 3½-in	$3.00
True Boston Fern, extra strong, 2½-in	8.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2½-in	1.50
10,000 Cigar plants, 2½-in	1.50
10,000 M. Louise Violets, 2½-in., in bud	1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss, for baskets, 4½-in	1.50

	Per 100
5,000 Jerusalem Cherries, 2½-in	$1.50
5,000 Mix Begonias	1.50
Smilax, from flats	.25
Salvia Clara Bedman, 2½-in	1.50
Iresines, red, 2½-in	1.50
New Geraniums, DeKoo Mitting, with yellow leaves and double scarlet bloom, 25c each	20.00

25 Plants at 100 rate. Cash or C. O. D.

CARNATION SIDE PIPS.

Morning Glory	per 100, $1 75	Mary Wood	per 100, $ .75
Geo. Maceo	" 1.00	Gold Nugget	" 1.00
America	" 1.00	White Cloud	" .75
Glacier	" .75	Evelina	" .75

THE MORRIS FLORAL CO., Morris, Ill.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready March 1st. Price, **$6.00** per 100; **$50.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

Sunbeam: Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems ..... Per doz $1.50, Per 100 $10, Per 1000 $75

Bon Homme Richard: White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long.... $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground. Quick seller, extremely free bloomer, fine form and stem $1.50 $10 $75

Prolifica: Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer $1.50 $10 $75

First lot of the above four varieties READY NOW.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

	100	1000		100	1000
Mrs. Thos. W. Lawson	cerise pink			$5.00	$40.00
Olympia	variegated			5.00	40.00
Marquis	pink			5.00	40.00
Genevieve Lord	pink			5.00	40.00
Ethel Crocker	pink			4.00	35.00
Morning Glory	light pink			4.00	35.00
Mrs. Geo. M. Bradt	variegated			3.00	25.00
G. H. Crane	scarlet			3.00	25.00
Chicago	scarlet			3.00	25.00
Gold Nugget	yellow			3.00	25.00
Gen. Maceo	crimson			2.00	15.00
Gen. Gomez	crimson			2.00	15.00
White Cloud	white			2.00	15.00
Mrs. Frances Joost	pink			2.00	15.00
Mrs. Jas. Dean	pink			2.00	15.00
John Young	white			1.50	12.00
Flora Hill	white			1.50	12.00
Argyle	cerise pink			1.50	12.00
Daybreak	light pink			1.50	12.00
William Scott	pink			1.00	8.00
Armazindy	variegated			1.00	8.00
	100	1000		100	1000
Guardiao Angel	$6.00	$40.00	Evanston	1.50	12.50
Peru	4.00	35.00	Melba	1.50	12.50
Triumph	1.50	12.50	Evelina	1.00	8.00
Cerise Queen	1.50	12.50	L. McGowan	1.00	7.50
Edna Craig	1.50	12.50	Mrs. L. Ince	7.00	60.00

ROOTED CUTTINGS NOW READY.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

SPECIAL SALE.

	Per 100.
Alternanthera, yellow	$1.50; red, $1.75
Geraniums, my selection, 2½-in. pots	2.50
Coleus Mix—Blue Ageratum, 2-in pots	1.50
Asparagus Sprengeri, 2-in. pots	1.75
Vinca Harrison Vine, 2-in. pots	2.00
100 Asparagus Plumosus, 2-in. pots	2.50
Verbenas, 2-in. pots	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

Norway

The Queen of Commercial Whites for Carnations.

The modern idea of a commercial variety combines large size with free rapid growth and productiveness, a fine keeper and shipper. It gives us pleasure to offer the white we have all been looking for. A distinct feature is that the flowers are remarkably uniform in size, 3 to 3½ inches in diameter. It is selling rapidly.

Place your order at once.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

Egypt

A Rich Warm Scarlet Crimson.

A distinct departure from all other crimsons. It has modern commercial stems, long and strong; exquisite spicy odor, beautiful rich glowing color; these are its most distinct features. The flower is large and well formed, 2½ to 3½ inches in diameter. Can be had in good flower by November 1st to 15th. It is a continuous and free bloomer.

Genevieve Lord

The only pink carnation which can claim the proud distinction of having superseded the hitherto invincible William Scott. Genevieve Lord is not only equal to Scott in its palmiest days, but is far superior to that variety in every way. It commands a price that was never obtained for the best Scotts while in their prime. Such a carnation is produced only once in a great while. Place your order early. **$5 per 100, $40 per 1000.**

WE CAN ALSO FURNISH

PROSPERITY, ROOSEVELT, LORNA and all other 1901 novelties. Also LAWSON, MARQUIS, CROCKER, ESTELLE, OLYMPIA and other new and standard varieties.

CHRYSANTHEMUM TIMOTHY EATON We have a large stock of it. 50 cents each, $30.00 per 100.

Also all of the best new and standard varieties. An excellent list of the very best varieties. Send for complete catalogue.

H. WEBER & SONS, OAKLAND, MD.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

CARNATIONS.

Extra Fine Plants from 2½-in. pots.

	Per 100	Per 1000
Ethel Crocker	$5.00	$40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. James Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted Cuttings 15 per cent less.

CASH WITH ORDER.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

MONEY MAKING.....CARNATIONS.

Eleven varieties of 1900. Sixteen older standard sorts. Send for complete price list.

GEO. HANCOCK & SON, Grand Haven, Mich.

PALMS... and BOSTONS

WALTER RETZER & CO.

2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons, variegated, trailing, 2¼-in., $4.00; 3-in., $6.00 per 100. Rooted cuttings of same, $1.50 per 100. Abutilon Savitzi, rooted cuttings, $2.00 per 100.
Greene & Underhill, Watertown, N. Y.

ACALYPHA.

Acalypha marginata, 2½-in., $3.00, 3-in. $4.00, 4-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum. Blue, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum. 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

ALTERNANTHERA.

Three varieties, transplanted, August struck cuttings, fine plants, 75c per 100. Rooted cuttings, 40c per 100. J. S. Bloom, Riegelsville, Pa.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, red and green and green and yellow, rooted cuttings, 60c per 100. N. O. Caswell, Delavan, Ill.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100. Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Alyssum, dbl. Giant, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

AMPELOPSIS.

Ampelopsis Veitchii, 2 to 2½ ft., $5.00 per 100, $40.00 per 1,000; 1½ to 2 ft. $4.00 per 100; $30.00 per 1,000; 1 ft., $2.50 per 100; $20.00 per 1,000.

For all kinds of fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants, write us your wants. Phone 222 A. Hts., Ill. Klehm's Nurseries, Arlington Heights, Ill.

ANTHEMIS.

Anthemis coronaria, fine rooted cuttings, $2 per 100, by mail.
S. W. Pike, St. Charles, Ill.

ANTHERICUM.

Anthericums, 2¼-in., $4.00; 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum, good stout plants, 85c per doz. Mrs. M. E. Patterson, Glendale, Cal.

ANTIRRHINUM.

Antirrhinum large white, rooted cuttings, 60c per 100. N. O. Caswell, Delavan, Ill.

ASPARAGUS.

100,000 fresh Asparagus plumosus nanus seeds just picked from our own plants. Much surer to grow than imported seed. 100 seeds $1.00, 1,000 $8.00, 2,000 $15.00, 5,000 $35.00, 10,000 $60.00, 15,000 $86.00. Cash with order. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus seed, new crop, now ready. If our seed is sown now it will germinate immediately, grow 100 per cent, and make fronds and plants ready for pots by March 1. Price, new crop seed, $1.00 per 100; $8.00 per 1000; 2000 for $15.00. Asparagus Sprengeri, per 100 seeds, 50c; per 1,000, $3.00; 2,000 seeds for $5.00. Clucas & Boddington Co., 342 W. 14th st., New York City.

Plumosus Nanus, 2½ inch pots	$ 5.00	per 100
3 inch pots	6.00	"
4 inch pots	12.00	"
Sprengeri, 2½ inch pots	3.00	"
3 inch pots	5.00	"
4 inch pots	8.00	"

The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus and Sprengeri, out of 3-in. pots, strong plants, ready for shift, at $5.00 and $6.00 per 100. Also 1,000 Boston Ferns, A No. 1 stock, out of 2½-in. pots, at $4.00 per 100. Cash. George Just, Jacksonville, Fla.

A. Sprengeri, 3-in., 15 to 25 growths; extra fine stock $4.00 per 100. Must have room. Extras added to help cover express. Satisfaction guaranteed. J. A. Fries, Bethlehem, Pa.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Burgevin, Portchester, N. Y.

Sprengeri, 2½-in. pots, strong, $4.00 per 100. Henry Weston & Bro., Hempstead, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 per 100.
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azaleas, always in bloom, 50c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please.
A. SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds. 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Catalogue of all the new begonias free upon application. N. Smith & Son, Adrian, Mich.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

BULBS.

Bulbs for spring and summer flowering. We have fine stock of the following bulbs. It is time that many of these were now being started for spring and summer sale. Tuberous-Rooted Begonias—We offer a grand stock of these; splendid strain, none finer to be had in Europe. Bulbs offered are large, first-class bulbs, not second size, as are often offered. We offer these in five separate colors, white, pink, scarlet, yellow and crimson. Single, $3 per 100; double, $4.00 per 100. Gloxinias—Finest strain of Hybrida Crassifolia Erecta Grandiflora. Unequaled in size and variety of coloring, embracing an unusual proportion of spotted, white, pink, and other choice colors. Bulbs are of large size. $4.00 per 100. Fancy-Leaved Caladiums—We offer a fine collection, choicest varieties, very distinct and very desirable, strong, dormant bulbs of large size. Tubers are of full size and undivided, and are strong and healthy, $12.00 per 100. Caladium Esculentum—Large bulbs, 6 to 9 inches in circumference, $3.00 per 100. Extra sized bulbs, 9 to 12 inches in circumference, $6.00 per 100. Tuberose Pearl—Extra quality bulbs, 4 to 6 inches in circumference, $1.00 per 100; $7.50 per 1,000. Cannas—Fine collection of the best standard sorts, all named varieties. Strong, dormant roots, $5.00 per 100. Dahlias—Cactus, large-flowering, Pompon, and Single. A grand assortment of varieties, all named. We can offer strong, dormant roots, our selection of sorts, for immediate delivery. $8.00 per 100. Japan Lilies—Lilium Auratum, 7 to 9 inches in circumference, $4.50 per 100. 9 to 11 inches in circumference, $7.00 per 100. Lilium Album, 7 to 9 inches in circumference, $5.00 per 100. 9 to 11 inches in circumference, $6.00 per 100. Lilium Rubrum, 7 to 9 inches in circumference, $4.50 per 100; 9 to 11 inches in circumference, $6.50 per 100. Lilium Melpomene, 7 to 9 inches in circumference, $5.50 per 100. Lily of the Valley—Extra quality three-year-old German pips, fine stock for Easter forcing, $10.00 per 1,000, $22.50 per case, 2,500 pips. F. R. Pierson Co., Tarrytown-on-Hudson, New York.

Begonias, Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1½-in., 12, 40c; 100, $2.50; 1½ to 2-in., 12, 50c; 100, $2.75.

	12	100
Begonias, double flowering, 1st size..	$0.75	$5.50
Begonias, double flowering, 2nd size..	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brazilian, named sorts, fine bulbs....	1.00	8.00
Mixed, choice sorts, 2d size.........	1.00	7.00
Cyclamen Persicum, giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed.	50	3.00
Gloxinias, separate colors	.60	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
Tuberose, ex. Pearl, 4 to 6-in., 100, 75c; 1,000, $5.
Tuberose, ex. Pearl, 3 to 4-in., 100, 50c; 1,000, $3.50.
H. H. Berger & Co., 47 Barclay st., New York.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Tuberoses.—Elegant dwarf pearl tuberose bulbs, 50,000 No. 1, 4 to 6 inches, at $3.50; 25,000 No. 2, 3 to 4½ inches, at $1.50, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
L. W. Boney, Wallace, N. C.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Headquarters for extra dwarf Pearl tuberose bulbs. 4 to 6 inches, $3.00 per 1,000; 3 to 4 inches, $1.25 per 1,000. Securely packed in double paper lined barrels f. o. b. here. M. M. Wells, Wallace, N. C.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberoses ready for delivery now. Dwarf pearl, large bulbs, $1 per 100, $7.50 per 1,000. Tall double, fine plump bulbs, $1 per 100, $8 per 1,000. W. W. Barnard & Co., 161 Kinzie st., Chicago.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Caladium esculentum, 1st size, $2.00, 2nd size $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Excelsior Pearl Tuberose bulbs, $1.00 per 100, $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

CACTI.

Phyllocactus Ackermani, P. Hookeri, P. latifrons, P. speciosissimus, P. Wrayi, etc., $1.25 per doz. mixed; $7.00 per 100. Ep. Russellianum and Ep. truncatum, 50c per doz.; $2.50 per 100. Echeveria Californica, fine bedder, $3.00 per 100; rooted offsets, $1.25 per 100. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Allemania, Aurora, Alsace, A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. Cleveland, Pres. McKinley, and Florence Vaughan at $3.00 per 100. Burbank, Paul Marquant, Egandale, Victor Hugo, Robusta and Grand Rouge at $2.50 per 100. Wm. Schlatter & Son, Springfield, Mass.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

12,000 Cannas Burbank. Dormant roots, $10.00 per 1,000 eyes. W. W. Dederick, Columbia City, Ind.

Cannas, Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

Our collection of novelties and standard varieties is complete. N. Smith & Son, Adrian, Mich.

10,000 cannas, strong roots. Prices on application. Geo. Just, Jacksonville, Fla.

CARNATIONS.

CARNATION ROOTED CUTTINGS.

	100	1,000
Mrs. Thos. W. Lawson	$7.00	$60.00
The Marquis	6.00	50.00
Estelle	7.00	50.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
Olympia	5.00	40.00
G. H. Crane	3.00	25.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	3.00	25.00
America	3.00	25.00
Chicago	3.00	25.00
Mabel	3.00	25.00
Elsie Ferguson	3.00	25.00
Gold Nugget	3.00	25.00
Pingree	3.00	25.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	2.00	15.00
Mary Wood	2.00	15.00
John Young	2.00	15.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
Gen. Maceo	2.00	15.00
White Cloud	2.00	15.00
Leslie Paul	2.00	15.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Dawn	2.00	15.00
Argyle	2.00	15.00
Eldorado	2.00	17.00
Melba	2.00	17.00
Victor	1.50	12.50
Triumph	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Evelina	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Meteor	1.50	12.50
Armazindy	1.50	12.50
Iris Miller	1.50	12.50
Glacier	1.50	12.50
Sandusky	1.25	10.00
William Scott	1.25	10.00
Evanston	1.00	8.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice rooted cuttings, first-class in every respect, true to name; 25 at 100 rates, 250 at 1,000 rates. Write for catalogue and complete list of Carnations and Roses, rooted cuttings and in pots. Do you receive our weekly price list? If not, write us; we will place your name on our mailing list.
LAKEVIEW ROSE GARDENS, Jamestown, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1,000
Mrs. Thos. W. Lawson, cerise pink	[illegible]	[illegible]
Olympia, variegated	[illegible]	[illegible]
Marquis, pink	[illegible]	[illegible]
Genevieve Lord, pink	[illegible]	[illegible]
Ethel Crocker, pink	[illegible]	[illegible]
Morning Glory, light pink	[illegible]	[illegible]
Mrs. Geo. M. Bradt, variegated	[illegible]	[illegible]
G. H. Crane, scarlet	[illegible]	[illegible]
Chicago, scarlet	[illegible]	[illegible]
Gold Nugget, yellow	[illegible]	[illegible]
Gen. Maceo, crimson	[illegible]	[illegible]
Gen. Gomez, crimson	[illegible]	[illegible]
White Cloud, white	[illegible]	[illegible]
Mrs. Frances Joost, pink	[illegible]	[illegible]
Mrs. Jas. Dean, pink	[illegible]	[illegible]
John Young, white	[illegible]	[illegible]
Flora Hill, white	[illegible]	[illegible]
Argyle, cerise pink	[illegible]	[illegible]
Daybreak, light pink	1.50	[illegible]
William Scott, pink	[illegible]	[illegible]
Armazindy, variegated	[illegible]	[illegible]
Mrs. L. Ine	[illegible]	[illegible]
Guardian Angel	[illegible]	[illegible]
Peru	4.00	[illegible]
Triumph	1.50	[illegible]
Cerise Queen	1.50	[illegible]
Edna Craig	1.50	[illegible]
Evanston	1.50	[illegible]
Gov. Griggs	1.50	[illegible]
Melba	1.50	[illegible]
Evelina	1.00	[illegible]
L. McGowan	1.00	7.50

Rooted cuttings now ready.
Our introductions for 1901.

	Doz.	100	1,000
Sunbeam	$1.50	[illegible]	[illegible]
Bon Homme Richard	1.50	[illegible]	[illegible]
Nydia	1.50	[illegible]	[illegible]
Prolifica	1.50	[illegible]	[illegible]

First lot of the above four varieties ready now.
CHICAGO CARNATION CO., JOLIET, ILL.

ROOTED CARNATION CUTTINGS Ready to ship. A. Mitting, clear, light-cream, Mrs. A. Mitting, clear pink, De Roo Mitting, white, Sunbeam, Bon Homme Richard, Nydia, Prolifica, California Gold, Queen Louise, Irene, Lorna and Mermaid, all 1901 introductions, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

	100
Mrs. Thos. W. Lawson, cerise pink	$5.50
Olympia, variegated	4.00
Genevieve Lord, light pink	4.00
Avondale, pink	4.00
Ethel Crocker, light pink	3.00
Morning Glory, the coming Daybreak	3.00
Mrs. G. M. Bradt, variegated	2.00
G. H. Crane, scarlet	2.50
Chicago, scarlet	2.50
America, scarlet	2.00
Gold Nugget, yellow	2.50
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez, dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Daybreak, shell pink	1.20
Wm. Scott, pink	.85
Armazindy, variegated	.85
Melba, light pink	1.25
Mary Wood, white	1.50
Glacier	1.50

All rooted cuttings subject to your approval upon arrival.

CARNATION SIDE PIPS.	100.
Morning Glory	$1.75
Gen. Maceo	1.00
America	1.00
Glacier	.75
Mary Wood	.75
Gold Nugget	1.00
White Cloud	.75
Evelina	.75

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.00	17.50
Chicago (Red Bradt)	3.00	25.00
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS [illegible] and under the condition that if not satisfactory it is to be returned at once and money will be refunded.

	100	1,000
Mrs. Leopold Ine	[illegible]	[illegible]
Guardian Angel	[illegible]	[illegible]
Sunbeam	[illegible]	[illegible]
Bon Homme Richard	[illegible]	[illegible]
Nydia	[illegible]	[illegible]
Prolifica	[illegible]	[illegible]
Irene	[illegible]	[illegible]
Mrs. Lawson	[illegible]	[illegible]
Marquis	[illegible]	[illegible]
Genevieve Lord	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Gold Nugget	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Chicago (Red Bradt)	[illegible]	[illegible]
Olympia	[illegible]	[illegible]
Mrs. Bradt	[illegible]	[illegible]
Maceo	[illegible]	[illegible]
Gomez	[illegible]	[illegible]
Triumph	[illegible]	[illegible]
John Young	[illegible]	[illegible]
Argyle	[illegible]	[illegible]
Evanston	[illegible]	[illegible]
Frances Joost	[illegible]	[illegible]
Cerise Queen	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
Gov. Griggs	[illegible]	[illegible]
Melba	[illegible]	[illegible]
Daybreak	[illegible]	[illegible]
Armazindy	[illegible]	[illegible]
White Cloud	[illegible]	[illegible]
Hill	[illegible]	[illegible]
McGowan	[illegible]	[illegible]
Evelina	[illegible]	[illegible]

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

CARNATION ROOTED CUTTINGS now ready. All fine.

	100	1,000
Lawson	$6.00	$50.00
Olympia	5.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	3.00	25.00
America	3.00	25.00
Bradt	3.00	25.00
Pingree	3.00	25.00
Glacier	3.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Joost	1.50	12.00
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show as to quality of our stock.
W. J. & M. S. VESEY, Fort Wayne, Ind.

30,000 rooted cuttings, ready to ship. We have enlarged our plant 10,000 feet last summer and will devote our entire time to growing carnations for the trade. We do not expect to make any money this year. Our whole object is to introduce ourselves and stock to the public. To do this we will sell at an extremely low figure, with a standing guaranteé that at any time our stock is not satisfactory on receiving, send it back at once at our expense, and if you had paid for same we will refund full amount.

	100.	1,000.
Thos. Lawson	$6.00	$50.00
Ethel Crocker	3.50	30.00
Marquis	4.00	35.00
G. H. Crane	2.50	20.00
Genevieve Lord	4.00	35.00
Gen. Maceo	1.50	12.50
White Cloud	1.25	10.00
Flora Hill	1.25	10.00
Liberty	1.25	10.00
Bon Ton	1.00	8.00
Daybreak	1.00	8.00
Wm. Scott	1.00	8.00

Stafford Floral Co., Stafford Springs, Conn.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C. ....$7.00 a 100
Ethel Crocker .... 4.00 a 100
Daybreak and Triumph .... 2.00 a 100
Scott, Eldorado and McGowan........ 1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

FLORIANA
The Best All Round Pink Carnation Ever Introduced.

Large size, fully as large as Marquis or Crocker; color, a beautiful shade of light pink. A strong grower, very fragrant, an early continuous bloomer, very productive, does finely both in winter and summer, good stem, perfect calyx that never splits, not subject to disease, good keeper. Brings fancy prices in New York market. Come and see them. Prices, $1.50 per dozen, $10 per 100, $60 per 1,000. Ready February 1. Fillow & Banks, Westport, Conn.

CARNATIONS—Continued.

NORWAY. The biggest commercial white carnation ever introduced. A business-making, money-making carnation in every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and a rich, spicy odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond tha reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $5.00 per 100; $40.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

ROOTED CARNATION CUTTINGS, ready for shipment Feb. 15.

	100.	1,000.
Genevieve Lord	$5.00	$40.00
Ethel Crocker	4.00	35.00
Gold Nugget	3.00	25.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. G. M. Bradt	3.00	25.00
Mrs. Frances Joost	2.00	15.00
Daybreak	2.00	15.00
Victor	2.00	15.00
Mary Wood	2.00	15.00
White Cloud	2.00	15.00
McGowen	1.00	8.00
Cardinal	1.50	12.00
Albertini	1.50	12.00
W. Scott	1.00	8.00

Orders booked and shipped in rotation.
BROWN & CANFIELD, Springfield, Ill.

ROOTED CARNATION CUTTINGS.
This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Peru	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

ROOTED CARNATION CUTTINGS. Well-rooted cuttings from sand. Ready now.

	100.	1,000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
G. H. Crane		25.00
Red Bradt		25.00
Mrs. Geo. M. Bradt		20.00
Mrs. James Dean		12.50
Mrs. F. Joost		12.00
Triumph		12.00
White Cloud		12.50
Argyle		12.00
Flora Hill		12.00
Daybreak		10.00
McGowan		8.00

ANTON THEN, Station X, Ravenswood, Ill.

LIBERTY.
Bright salmon carnation. Sells for either red or pink; an early and continuous bloomer; perfectly healthy plant; stiff stems, 18 inches, never splits calyx; sells for 3 and 4 cents when Scotts bring 1½ and 2 cents. The most free-blooming carnation I ever saw; it is a pleasure to grow, pick or sell it. $1.50 per dozen, $10 per 100, $60 per 1,000. M. L. Tirrell, Randolph, Mass.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

NEW CARNATIONS FOR 1901. Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1,000. Mermaid, $6.00 per 100; $50.00 per 1,000. Roosevelt, $12.00 per 100; $100.00 per 1,000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1,000. We are booking orders now for delivery as soon as ready.
THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1,000; Lawson, $7.00 per 100, $60.00 per 1,000; G. Lord, $6.00 per 100, $50.00 per 1,000. Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1,000.
We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100	1,000
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	3.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
New York	1.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1,000.
Ethel Crocker, $3.00 per 100. McGowan Sport, $1.50 per 100; $10.00 per 1,000.
CHAS. BLACK, Hightstown, N. J.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

Carnations. All well rooted.	100.	1,000.
White Cloud	$3.00	$25.00
Flora Hill	3.00	25.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	3.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	6.00	50.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Now ready. Mrs. Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, $6.00 per 100; $50.00 per 1,000. Marquis, Genevieve Lord, Estelle, Elm City, $5.00 per 100; $40.00 per 1,000. Ethel Croker, $4.00 per 100; $30.00 per 1,000. Mrs. Geo. Bradt, G. H. Crane, America, Gold Nugget, Ferguson, L. Paul, Glacier, Sandusky, $3.00 per 100; $25.00 per 1,000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

CARNATIONS. Extra fine plants from 2¼-inch pots.

	100	1,000
Ethel Crocker	$5.00	40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. J. Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted cuttings, 15 percent less. Cash with order. C. Akehurst & Son, White Marsh, Md.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Flora Hill	$1.00	$8.00
Daybreak	1.00	8.00
Wm. Scott	.90	7.50
Genesee	.75	5.00

E. B. LEWIS, Lockport, N. Y.

Rooted Cuttings.

Flora Hill	$1.50 per 100;	$12.50 per 1,000
Pingree	2.50 per 100;	
Wm. Scott	1.00 per 100;	8.00 per 1,000
McGowan	1.00 per 100;	8.00 per 1,000
Jubilee	2.00 per 100;	

J. C. Schmidt, Bristol, Pa.

Carnation rooted cuttings. Triumph, Daybreak, Flora Hill, White Cloud, Jubilee, Meteor, $1.50 per 100. Wm. Scott, McGowan, Evelina, Armazindy, $1.00 per 100. 25 per cent discount on 1,000 lots. Cash with order. Krueger Bros., Nevada and Clark sts., Toledo, Ohio.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Ethel Crocker	$4.00	$30.00
White Cloud	2.00	15.00
Alaska (white)	1.00	7.50

GEO. HARRER, MORTON GROVE, ILL.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Marquis, Crocker, $5.00 per 100; $40.00 per 1,000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100, $8.00 per 1,000. Samples free. Stock guaranteed. Union Street Greenhouse Co., Geneva, N. Y.

Carnation rooted cuttings. Per 1,000: Olympia and Marquis, $40.00, Lord $30.00, America $20.00, Melba and Flora Hill $15.00, G. H. Crane $25.00. Cash with order. H. P. Smith, Piqua, Ohio.

Roosevelt and Prosperity, the best two carnation in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties.
A. M. HERR, Lancaster, Pa.

Carnations—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Carnations. Rooted cuttings from 2½-inch pots. Crocker, Dean, Bradt, Olympia, Gomez, Hill, Scott. A1 stock. Low price. Hession, Clarkson St., Flatbush, Brooklyn, N. Y.

Rooted Carnation Cuttings. Per 100: Frances Joost, $1.50; Gen. Gomez, $2.00; McGowan and Scott, $1.00. Isabella Greenhouses, Babylon, L. I., N. Y.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

CARNATION CUTTINGS, well rooted. Argyle, Flora Hill, Daybreak and Scott, $1.00 per 100. Davis Bros., Morrison, Ill.

HOOSIER MAID, the ideal commercial white, $1.50 per doz., $10.00 per 100, $80.00 per 1,000. A. Rasmussen, New Albany, Ind.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Catalogue of all the new carnations free upon application. N. Smith & Son, Adrian, Mich.

Crocker, G. Lord and Marquis, $3.00 per 100. E. C. Keck, Washington, Iowa.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Extra strong stock plants of Pacific, Bergmann, Bonnaffon, Golden Wedding, Robinson, Bassett and Jones, 5c each. Satisfaction guaranteed. J. A. McPheron & Son, Carrollton, Ill.

TIMOTHY EATON, and all other good new varieties. Also the best standard sorts. Let us book your order for future delivery. H. Weber & Sons, Oakland, Md.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Chrysanthemums.—Ivory and Glory of Pacific, stock plants, $3 per 100. P. J. Burgevin, Portchester, N. Y.

Chrysanthemums. Catalogue free on application. N. Smith & Son, Adrian, Mich.

Chrysanthemums. Send for price list. National Plant Co., Dayton, Ohio.

CINERARIAS.

Dwarf and semi-dwarf giant-flowering cinerarias; fine, stocky plants; from soil, $2.50, 3-inch pots $4 per 100. All of them ready for 4-inch. Cash with order. Jos. F. Smith, Burlington, N. J.

Cineraria nana grandifl. gig., 2¼ in., $2.50 per 100. Will make fine plants for Easter. Shellroad Greenhouse Co., Grange, Baltimore, Md.

Cinerarias, 100 fine 2-inch, ready for 3-inch, $3; 100 fine 3-inch, ready for 4-inch, $5. Cash.
Pierce & Johnson, Adrian, Mich.

500 Cinerarias ready for 5 and 6-in. pots, $5.00 per 100. Cash. Geo. W. Fetzer, Allentown, Pa.

Cinerarias, 2¼-in., $3 per 100. Greene & Underhill, Watertown, N. Y.

CLEMATIS.

CLEMATIS PANICULATA.	100.	1,000.
No. 1, 3 years	$ 7.50	$ 75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

ELIZABETH NURSERY CO., Elizabeth, N. J.

Clematis, one and two years, $1.25 and $2.00 per doz.; 12 choice leading kinds. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus. Rooted cuttings, 50c per 100; $4.00 per 1,000. Golden Bedder and Crimson Verschaffeltii and varieties. Cash with order. C. Schulze & Son, 25 Kalmia St., Flushing, N. Y.

Coleus—Red and yellow Verschaffeltii, and 25 other good sorts; clean; no mealy bug; 65c per 100 postpaid; $5.00 per 1,000, by express. A. B. Davis & Son, Purcellville, Va.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Rooted cuttings. Per 100: Separate colors, 75c; fancy and large-leaved, $1; mixed, 60c. 2-in. pots, $3 per 100. Greene & Underhill, Watertown, N. Y.

Rooted cuttings of Vershaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

Strong, 2¼-in., $1.50 per 100. R. C. ready for 2½-in., 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, mixed, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Coleus rooted cuttings, 18 best var., 60c per 100. N. O. Caswell, Delavan, Ill.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CYCLAMEN.

Cyclamen [illegible] transplanted [illegible] $20.00 per 1,000 [illegible]

2,500 cyclamen in 2 and 2¼-in., $4.00, in bud and bloom, 3-in., $6.00; 4-in., $12.00 per 100. Cash. C. L. Osborn, Sidney, Ohio.

Cyclamen, 200 3-inch, in fine condition, at $4 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Giganteum, 4-in. pots, $10; 3-in. pots, $7 per 100. J. S. Bloom, Riegelsville, Pa.

CYPERUS.

Umbrella plants, 2½-inch, $2.00 per 100; 3-inch, $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Umbrella plants, 3-in. pots, $5.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Umbrella Plants, 2½-in., $2.50 per 100. Cash. The John A. Doyle Co., Springfield, Ohio.

Cyperus gracilis, 4-in., 75c per doz. Mrs. Griswold, Worthington, Ohio.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also cannas, gladioli, paeonies, etc. Prices reasonable, stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Colo.

Cactus and other Dahlias for catalogue collections. Wholesale list on application.
Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Snow Crest, 2¼-in. $4.00, 3-in. $6.00; rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

A few white and yellow California Marguerites. Geo. A. Kuhl, Pekin, Ill.

DRACÆNAS.

Dracaena indivisa from 4-in. pots, ready for 5-in., 24 inches high, $10.00 per 100. Cash with order. H. B. Snow, Camden, New York.

ERICAS.

Ericas, small plants in bloom or in bud ready to bloom, $1.50 per dozen, $10 per 100. Large, fine shaped Ericas in bloom, 75c and $1 each, $9 to $12 per dozen, $75 per 100. Epacris in bloom, $9 per dozen. Erica persoluta alba, Erica persoluta rosea, Erica persoluta rubra, Erica fragrans, 100 plants in these four varieties, for growing on, $10, or 100 plants in bud, $15 per 100. Cash with order, please.
A. SCHULTHEIS, P. O. box 78,
College Point, N. Y.

FARFUGIUM.

Farfugium Grande, fine plants, $1.00 per doz. Mrs. M. E. Patterson, Glendale, Cal.

FERNS.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Increase your trade by using the Beverly fern dish. We use hundreds of them for the most exclusive Boston trade. Send for wholesale price list. North Shore Ferneries, Beverly, Mass.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

Fern spores of all florists' sorts, 35c per trade pkt., $1 per 1-64 oz. List of ferns and fern spores on application. Edw. D. Drown, Weldon, Pa.

Ferns for dishes, etc., in 6 of the leading varieties, from 2½ in., $3.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

2,500 Boston Ferns. Out of bed, just right for 5-in. pots. $20.00 per 100. Cash with order. W. C. Stickel & Co., No. Cambridge, Mass.

Japan fern balls, great money-makers. Ready to start for Easter sales now. H. H. Berger & Co., 47 Barclay st., New York.

N. exaltata, 2, 2½ and 3-in., $2.25, $2 [illegible] and [illegible] per 100 also N. cordata, 4 in., [illegible] N. O. Caswell, Delavan, Ill.

Boston ferns. Strong, 2-in. pots, $3.00 per 100, $25.00 per 1,000. Tha Storrs & Harrison Co., Painesville, O.

Boston ferns. 3-in., $4.00 per 100 [illegible] per 100, 8 in., $1.00 per doz. Davis Bros., Morrison, Ill.

True Boston ferns, extra strong, 2¼-in., $3; 3½-in., $5 per 100. Morris Floral Co., Morris, Ill.

Cyrtomium falcatum, the holly fern, 2-in., 3c. Cash, please. R. G. Hanford, Norwalk, Conn.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

For Boston ferns, write Geo. A. Kuhl, Pekin, Ill.

FORCING PLANTS.

For Easter and spring flowering. All plants are of fine shape and well budded. Per 100: Lilacs, $45.00, Azalea mollis, $35.00, Azalea pontica, $45.00, Rhododendrons, $37.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

FORGET-ME-NOTS.

Forget-Me-Nots, 2¼-in., $3; 4-in., $10 per 100. Rooted cuttings (winter), $2 per 100. Greene & Underhill, Watertown, N. Y.

Winter flowering forget-me-nots, $3 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

Large clumps, 75c per 100; $5.00 per 1,000. J. C. Schmidt, Bristol, Pa.

FRUIT PLANTS.

Mariana Plum cuttings, 8 to 12 inches, $1.00 per 1,000. These plums not only make a good hedge but bear fine early plums. Every cutting will root. John Monkhouse, Caddo Nurseries, Jewella, La.

FUCHSIAS.

Nice thrifty young stock. Early dbl. White, Black Prince, Little Beauty, Marenga, 2-in., my selection, $3.00 per 100; rooted cuttings, $1.25 per 100. N. O. Caswell, Delavan, Ill.

Fuchsia, Trailing Queen, 2¼-in., $4.00 per 100. Rooted cuttings, 8 varieties, $1.50; Sunray and Trailing Queen, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Cape Jessamines (Gardenia florida), strong and stocky, 15 to 20 inches, $7.00; 10 to 15 inches, $5.00 per 100. 6 to 10 inches, $3.00 per 100; $25.00 per 1000. 3 to 6 inches, $2.00 per 100; $15.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GERANIUMS.

Rooted cuttings. New set of 20 named, postpaid, $1.00. Your selection of the following at $2.00 per 100: Mrs. Taylor, Dr. Livingstone, P. Crozy, Bronze named, Mme. Bruant, Wonder, Freak of Nature, Happy Thought, Beaute Poitevine, Alphonse Ricard, Ivy Leaved, E. G. Hill, Dbl. Grant, S. A. Nutt, J. M. Gaar, Frances Perkins, King Olga, Grand Chancellor, etc. Our selection of the above, $15.00 per 1000. Mixed varieties unnamed, $1.25 per 100. Mme. Salleroi, $1.25 per 100. Your selection of the following at $1.75 per 100: J. Y. Murkland, Single Grant, La Favorite, Rev. J. B. Atkinson, Glo. de France, Eliza, etc. Our selection of the above, $12.50 per 1000. Mrs. Parker, Bronze Bedder, L'Elegant, $4.00 per 100; Silver Leaf, Ivy Leaf (named), Rose Scented, $1.60 per 100; Mars, Countess de Harcourt, $2.50 per 100; America, $15.00 per 100.
Pot plants. Happy Thought, Bronze, Silver Leaf, etc., 2¼-in., $4.00 per 100; Mrs. Parker, 2¼-in., $6.00 per 100; L'Elegant, 2-in., $6.00 per 100; common, named, 2¼-in., $3.50 per 100. Greene & Underhill, Watertown, N. Y.

Twelve of the best varieties; good, strong rooted cuttings from sand, mixed, $1.00 per 100. Same from 2½-in. pots; also Swainsona alba galegifolia and Mme. Salleroi geraniums at $1.50 per 100. Paul Bruant, R. R. Gosselin, S. A. Nutt, La Favorite, 2½-in., $2.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

GERANIUMS—Continued.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

6,000 of the best up-to-date bedding varieties; 15 varieties in pink, red, white and salmon, 2½-in. $2.00 per 100, $18.00 per 1,000; 3-in. $3.00 per 100, $28.00 per 1,000. All good plants and ready to ship at once. Cash please. B. F. Vandervate, Galena, Ill.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Bruanti, Nutt, Hill, Grant and others, strong, 2½-in., $2.50 per 100; $22.50 per 1,000. Strong rooted cuttings of above varieties, $2.00 per 100; $18.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

10,000 geraniums of the best varieties. Rooted cuttings and 2¼ and 4-in. pots. Write for prices. Anton Krut, Jr., Butler, Pa.

New geranium De Roo Mitting, yellow leaves and double scarlet bloom, 25c each; $20.00 per 100. Morris Floral Co., Morris, Ill.

S. A. Nutt, Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. My selection, 2½-in. pots, $2.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Madam Salleroi. Strong plants, 2½-in. pots. Write for prices. Mark Aitken, Springfield, Mass.

20,000 standard bedding varieties, strong 2½-in., $2.00 per 100, cash. H. M. Altick, Dayton, Ohio.

Geraniums, 20 leading varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Geraniums, named, 2¼-in., $2.60 per 100; $20.00 per 1,000. Cash. S. D. Brant, Clay Center, Kan.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums. Send for price list. National Plant Co., Dayton, Ohio.

GLADIOLI.

50,000 gladioli; Mapleshade collection; none better; first and second sizes cheap. Send for circular and special prices. Wilbur A. Christy, Kinsman, Ohio.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

XXX, the finest mixture in the market for florists, $1.50 per 100; $12.00 per 1,000. F. W. O. Schmitz, Jersey City, N. J.

50,000 gladioli of all the best varieties, mixed, $6 per 1,000. D. L. Hollinger, florist, Barberton, Ohio.

HARDY GARDEN PINKS.

HARDY PINKS. Large stock ready for delivery on and after March 1, 1901. First-class, clean, strong plants from 2-in. pots. Stock includes the following choice varieties: Essex Witch, Gertrude, Lord Lyons, Variabilis, Her Majesty, Souvenir de Sale. Also an immense stock of Rudbekia and Pyrethrum Uliginosum, strong field-grown, 1 to 2 crowns. Orders subject to stock on hand. Write for bargain prices. THE JEWELL NURSERY CO., Lake City, Minn. (Established 1868. 1000 acres).

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price: $1.00 per 100 postpaid. Speak quick if you want them. L. Templin & Sons, Calla, Ohio.

Hardy Pinks—Her Majesty and six other best sorts, rooted cuttings, $1.00 per 100, postpaid. Field clumps, $3.00 per 100; $25.00 per 1,000. A B. Davis & Son, Purcellville, Va.

HARDY PLANTS.

Nursery stock at wholesale. Everything in ornamental trees, shrubs, vines and roses. Large size elms, maples, lindens, poplars, willows, horse chestnuts and catalpas. Clematis Paniculata, Ampelopsis Veitchii, Honeysuckles, Roses, Hybrids, Ramblers. Tea roses. Fruit trees and berries in great variety. Send for catalogue and special prices. W. & T. Smith Company, Geneva, N. Y.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $40.00 per 1,000. 3,500 California privet, 18 in. high, strong, $1.50 per 100, $10.00 per 1,000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. J. L. O'Quinn & Co., Raleigh, N. C.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid, $10.00 per 1000 by express. Aquilegia chrysantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, white, assorted, $60.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Crape Myrtle, pink, purple and crimson, 15 to 20 inches, $5.00; 10 to 15 inches, $3.00 per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

An immense stock of both large and small sized deciduous and evergreen trees and shrubs. Correspondence solicited.
The W. H. Moon Co., Morrisville, Pa.

Boston Ivy. (A. Veitchii.) Pot grown, $3.00 per 100; $25.00 per 1,000. Cash. The John A. Doyle Co., Springfield, Ohio.

Honeysuckle Halliana, $10.00 per 1000. F. Gill, Abita Springs, La.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotrope, rooted cuttings, $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

IVIES

Rooted cuttings. German, $1.25; English, $1.50; Kenilworth, $1.00 per 100. Greene & Underhill, Watertown, N. Y.

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Hardy ivy, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, rooted cuttings, assorted, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lantanas, 10 varieties, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

LILY OF THE VALLEY.

Lily of the Valley from best European grower. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Double yellow nasturtium. The finest nasturtium grown, especially adapted for vases and hanging baskets and unequaled as a cut flower where a beautiful yellow is wanted; also a few hundred double red nasturtiums. You should give them a trial. Price: $1.00 per doz. Cash with order. Geo. W. Fetzer, Allentown, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

Palms for decorating and for immediate retailing.

AREZA LUTESCENS.

	Inch pots.	Inches high.	12.	100.
4 plants.........	5	18-20	$ 5.00	$40.00
3 plants.........	6	20	9.00	75.00
3 plants.........	6	24	12.00	100.00
3 plants.........	8	36	36.00	

KENTIA BELMOREANA.

	Inch pots.	Inches high.	Each.	12.
6 leaves.......	6	24	$1.25	$15.00
6-7 leaves.......	6	28	1.50	18.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Each.	12.
5-6 leaves.......	6	24-28	$ 1.00	$12.00
6 leaves.......	6	28-30	1.25	15.00
6 leaves.......	6	30-36	1.50	18.00
6-7 leaves.......	7	30-36	2.00	24.00
6-7 leaves.......	7	36-42	2.50	30.00
7 leaves.......	9	60	7.50	
6-7 leaves.......	12	72	10.00	
6-7 leaves.......	12	84-96	12.50	
6-7 leaves.......	12	84-96 h'vy	15.00	
6-7 leaves.......	12	96-108 h'vy	25.00	

LATANIA BORBONICA.

	Inch pots.	Inches high.	12.	100.
5-6 leaves.......	6	15-18	$6.00	$50.00
5-6 leaves.......	6	18-20	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high .... $1.50 each
8-inch pots, 36 inches high .... 2.50 each
9-inch pots, 42 inches high .... 3.00 each
10-inch pots, 48 inches high .... 4.00 each

HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

I offer the following list of assorted palms, all in perfect form and entirely free from insects and blemishes of any kind:

AREZA LUTESCENS.

	Inch pots.	Inches high.	Per doz.	Per 100.
3 plants	6	24-28	$12.00	$100.00
3 plants	8	36 fine	$3.00 each.	

COCOS WEDDELIANA.

	Inch pot.	Inches high.	Per 100.
1 plant	3	10-12	25.00
3 plants	6	18 each	1.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	6-6	16	$ 4.60	$ 35.00
6	6	24	15.00	125.00
8	6-7	30-32	each, $3.00.	

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per doz.	Per 100.
4	4-6	16	$4.60	$35.00
			Each.	Per doz.
6	5	24-28	1.00	12.00
6	6-6	30	1.25	16.00
8	6	36-40	3.00	36.00

All measurements are from top of pots.
JOS. HEACOCK, WYNCOTE, PA.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

KENTIA BELMOREANA.

2½-inch pots	$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves	$15.00 per 100
4-inch pots, 14 to 16 inches high	30.00 "
5-inch pots, 18 inches high	60.00 "
5 and 6 in. pots, 18 to 22 in. high	75.00 "

ARECA LUTESCENS.

2½-inch pots.........$6.00 per 100; $50.00 per 1,000

KENTIA FORSTERIANA.

2½-inch pots	$10.00 per 100
3-inch pots, 12 inches high	15.00 "
4-inch pots, 15 to 18 inches high	35.00 "
5-inch pots, 18 to 22 inches high	50.00 "
6 and 6 in. pots, 24 to 28 in. high	75.00 "

The Storrs & Harrison Co., Painesville, O.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	16-18	3-4	25.00
Phoenix Canariensis	4	16-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100, $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

PELARGONIUMS, in fine condition, out of 2-in. pots. Countess, Sandiford's Surprise and Wonder, $6.00 per 100. Mme. Thibaut, Mrs. R. Sandford, Dorothy, Mme. Vibert, Lord Salisbury and others, $5.00 per 100. All free-blooming florist varieties; 100 in 10 varieties, named, at $5.00 per 100. Cash with order. ADOLPH STAHL, Johnstown, Pa.

Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PETUNIAS.

Petunias, strong, 3-in. pot stock, 15 distinct vars, $1.00 per doz.; $8.00 per 100. Set of 15 vars for $1.25. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Petunias, rooted cuttings, mixed, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

POINSETTIAS.

1,500 stock Poinsettias, two years old, $10 per 100. Cash with order. Eugene Murray, 162 Jewett av., Jersey City, N. J.

Poinsettia stock plants, $1.25 per doz.; $10.00 per 100. Chas. W. Reimers, Station A, Hite Ave., Louisville, Ky.

PRIMROSES.

100 Chinese Primroses, 200 primula obconica (part rosea); first-class; in bud and bloom, 4-inch, $8 per 100. Cash. Pierce & Johnson, Adrian, Mich.

Baby Primroses, from soil, $2.50, 3-inch pots $4, per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Primula chinensis, 2-in., $3; 3-in., $4 per 100. Geo. M. Emmons, Newton, N. J.

Chinese, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PRIVET.

5,000 1 to 2 ft. California Privet, $10 per 1,000, F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $40 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonville. Mills the Florist, Jacksonville, Fla.

California privet, 3 to 4 ft., $2.00; 2½ to 3 ft., $1.75; 2 to 2½ ft., $1.50; 20 to 24 inches, $1.25; 15 to 20 inches, $1.00 per 100. Small plants, 50c per 100. All well branched. Cuttings, 8 to 12 inches, $1.00 per 1000. John Monkhouse, Caddo Nurseries, Jewella, La.

ROSES.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 600 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
R. H. MURPHEY & SON, Urbana, Ohio.

Our stock of Everblooming roses, all grown in 4-inch pots, is more extensive and finer than we have ever before offered our customers. All leading popular varieties for sale.
From open ground, we call your attention to our heavy blocks of Gen. Jacqueminot, 2 yrs., strong, own roots, also such valuable climbers as Yellow Rambler, Steigera, Dawson, Climbing Hermosa, Greville, Wichuraiana, etc., etc.
The new climber, Wm. C. Egan, can be supplied in strong one or two-year-old plants at reasonable rates. It is the best of Mr. Dawson's fine hybrids, and is in fact a climbing Malmaison, of the same form and color, and undeniably hardy.
To clear leased land, we offer shrubbery in elegant assortment, at low rates by the thousand. Hoopes Bros. & Thomas, Maple Ave. Nurseries, West Chester, Pa.

ROOTED ROSE CUTTINGS.

	100	1,000
Brides	$1.50	$12.50
Bridesmaids	1.50	12.50
Meteors	1.50	12.50
Perles	1.50	12.50
Golden Gate	1.50	12.50
Lady Dorothea	1.50	12.50
Kaiserin	1.50	12.50
Maman Cochet	1.50	12.50
American Beauty	3.00	25.00

First class in every respect. 25 at 100 rate; 250 at 1,000 rate.
LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $2.00 per 100; $17.50 per 1,000.
ROSE CUTTINGS, 2½-INCH. Liberty, $10.00 per 100, $80.00 per 1,000; Golden Gate, $3.50 per 100, $30.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100, $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Roses, strong, two-year, field-grown. Crimson Rambler, extra strong, $12.00 per 100. Hybrid Perpetual, in fine assortment, $10.00 per 100; $90.00 per 1,000; second size, $6.00 per 100; $50.00 per 1,000; these are well-rooted, good stock, but not quite heavy enough to go in first grade. The Storrs & Harrison Co., Painesville, O.

ROOTED ROSE CUTTINGS.

	100	1000.
Golden Gate	$2.50	$20.00
Bride	1.50	12.50
Bridesmaid	1.50	12.50

GEO. HARRER, MORTON GROVE, ILL.

Two grand climbers. Climbing Kaiserin, white, $10.00 to $15.00 per 100; Climbing Wootton, red, $10.00 per 100. Field-grown, own roots, 2 to 3 ft. Plenty of other sorts, bush and climbers, hardy and tender.
The Howland Nursery Co., Los Angeles, Cal.

Crimson Rambler. Strong field plants, with fibrous roots; just the kind for potting and forcing. Send small order for sample. 3 to 3½ ft., $12.00 per 100; 3½ to 6 ft., $15.00 per 100. The Conard & Jones Co., West Grove, Pa.

Brides and Maids, strong, healthy, well-rooted heel cuttings now ready at $1.25 per 100, $10.00 per 1000 for this week only. Cash with order. Gunnar Teilmann, Marion, Ind.

Bride, Bridesmaid, White and Pink Cochet and other varieties, strong plants from 3-in. pots, $4.00 per 100 cash. R. Vincent, Jr., & Son, White Marsh, Md.

MANETTI ROSE STOCKS. Just the right size for florists' work. Send for sample and price. Thomas Meehan & Sons, Germantown, Phila., Pa.

Wootton roses in 2½-in. shifted from 2-in. Order 100 of them for summer blooming; they'll do you good. Geo. A. Kuhl, Pekin, Ill.

Field-grown American Beauties, 3 years old, $15 per 100; $125 per 1,000. Southern Floral Co., 922 Bryan st., Dallas, Tex.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Dau Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.60 per 100.
Bassett & Washburn, Hinsdale, Ill.

New rose, Winnie Davis, 2½-in. pot plants, $5.00 per doz., $25.00 per 100.
Nanz & Neuner, Louisville, Ky.

300,000 roses. Send for price list, now ready. National Plant Co., Dayton, Ohio.

Roses. All varieties. Write for list and prices to Geo. A. Kuhl, Pekin, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias. Rooted cuttings, per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SEEDS.

SEEDS FOR EARLY SOWING.

	100 seeds.	1000 seeds.
Asparagus Sprengeri	$ .75	$6.00
Asparagus plumosus nanus	1.00	9.00

Aster, Queen of the Market—
White, light blue, dark blue, rose, crimson ....Per pkt. 15c; oz.,75c
Cyclamen Persicum Grandiflorum—
Per 100, $1.00; per 1000, $7.50.

	Per pkt.	Per oz.
Dracaena Indivisa	$ .15	$ .75
Petunia, double large flowering, fringed	1.00	
Petunia, single large flowering, fringed	1.00	
Phlox Nana Compacta—Fireball, Snowball, Purple, Blue Striped, Chamois Rose, Defiance and fine mixed	.25	2.50
Salvia Nana Compacta, Bonfire	.25	4.50
Verbena Mammoth, mixed	.25	1.50
Stocks—	Per pkt.	Per oz.
Giant Perfection, white	$ .25	$5.00
Dwarf, large flowering, 10 weeks—white, blood-red, purple rose, yellow and red	.25	3.25
Sweet Peas—	Per oz.	Per lb.
Blanche Ferry, Blanche Ferry, extra early, Emily Henderson, Blanche Burpee, Countess of Radnor, Dark Lavender, Katharine Tracy	$ .10	$ .40
Burpee's Extra Early	.10	.65

If by mail, add 8 cents per pound for postage.
STUMPP & WALTER CO., 50 Barclay St., NEW YORK.

XXX Seeds. Verbena grandiflora, the finest large-flowering varieties grown; mixed, 1,000 seeds, 60c. Chinese primroses, large-flowering fringed; fifteen varieties; single and double mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, extra fine; the best of the mammoth-flowering varieties; mixed, 3,500 seeds, $1.00; half pkt., 50c. John F. Rupp, Shiremanstown, Pa.

Johnson & Stokes' Seeds are grown exclusively for the most critical market garden and florist trade, and are known in every large market of the United States as producers of vegetables and flowers which are the accepted standards of excellence. Write now for our new quarterly wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

SEEDS—Continued.

DREER'S Reliable Flower Seeds. The following is a short list of articles which should be sown early:

	Trade pkt.	Oz.
Ageratum, Blue Perfection, a fine blue sort	$ .25	$1.00
Ageratum, Cope's Pet, the dwarfest blue	.15	.35
Aster, Queen of the Market, white, pink or purple	.20	.75
Aster, Queen of the Market, finest mixed	.15	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb		.10
Carnation, Marguerite, finest mixed	.20	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
Centaurea, gymnocarpa, per 1000 seeds, 15c		.40
Cobaea scandens, purple	.10	.30
Cyclamen per. giganteum, finest mixed, per 100 seeds, 60c; per 1000 seeds, $5.00.		
Dracaena indivisa	.10	.30
Grevillea robusta	.15	.40
Heliotrope, Lemoine's Giant	.40	2.00
Lantana hybrida, mixed	.10	.20
Lobelia, Crystal Palace compacta, true	.30	1.60
Lobelia, gracilis, light blue, trailing	.15	.40
Lobelia, speciosa dark	.20	.60
Mignonette, Allen's Defiance, very large spikes	.15	.50
Mignonette, machet, true select stock	.15	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00.		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50.		
Petunia, Dreer's Superb Fringed, single	.50	
Phlox Drummondii grandiflora, finest mixed	.15	.60
Phlox Drummondii nana compacta, finest mixed	.30	1.50
Pyrethrum aureum (Golden Feather)	.10	.30
Salvia splendens (Scarlet Sage)	.30	1.50
Salvia splendens compacta erecta, "Bonfire"	.50	2.50
Smilax, per lb., $3.50	.15	.35
Stocks, large flowering, 10-week, separate colors	.40	2.25
Stocks, large flowering, finest mixed	.40	2.00
Thunbergia, finest mixed	.10	.30
Torenia Fournieri	.30	
Verbena, Mammoth, white, scarlet, pink, purple, striped	.30	1.50
Verbena, Mammoth, finest mixed	.25	1.00
Vinca rosea, rosea alba, alba pura	.20	.60
Vinca rosea, finest mixed	.15	.50

Our wholesale price list for 1901 has been sent to all florists; if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Canna seed, named, $1.00 per lb. Finest dwarf mixed, 50c to exp. here; 15 and 10c oz. Ampelopsis Veitchii, Hibiscus Crimson Eye and Antigonon Leptopus, or Mountain Beauty, 25c per oz., free by mail. Benj. Connell, West Grove, Pa.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Cocos Weddeliana, fresh seeds at $7.00 per 1,000. Write for wholesale price list of high-class flower seeds, etc., for florists. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

White Ostrich Plume aster seed, the earliest, largest and most beautiful aster ever introduced. It comes into bloom when white flowers are scarce. Trade pkt., $1.00; oz., $5.00.
J. T. Duquette, Albion, N. Y.

A. plumosus nanus, 100 seeds $1.00; 1,000 seeds $8.00. A. Sprengeri, 100 seeds 50c; 1,000 seeds $3.00. Sweet pea, 5c per oz.; 25c per lb. Smilax, 1900 crop, 30c per oz., $2.50 per lb. H. H. Berger & Co., 47 Barclay st., New York.

Florists' fresh flower seeds for early sowing. Preliminary florists' lists ready now. W. W. Barnard & Co., 161 Kinzie st., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1000, $9.00. B. H. Ritter, Port Royal, S. C.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

SPIRAEA.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100; Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

STEVIA.

Stevia, variegated, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VEGETABLE PLANTS.

Cauliflower.—Snowball, 35c per 100; $2.50 per 1,000. Tomato. — Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting.
Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants. Beauty, 3-in., $2.00 per 100. Lorillard, 2-in., $2.00 per 100; transplanted plants, 60c per 100. Cabbage plants. Jersey Wakefield, ready Mar. 1. Write for prices on large orders. Mrs. Griswold, Worthington, Ohio.

Lettuce.—Curled Simpson, Grand Rapids and other varieties. Cabbage—Wakefield, Succession and other varieties. Price 15c per 100; $1.00 per 1,000. If by mail, add 10c per 100. Des Moines Plant Co., 38th St., Des Moines, Iowa.

Grand Rapids lettuce plants; transplanted; strong and stocky, 25c per 100; $2.00 per 1,000. James Frost, Greenville, Darke Co., Ohio.

2,000 Mayflower tomato plants, 2½-inch pots, cash price $1.50 per 100. A. B. Campbell, Cochranville, Pa.

VERBENAS.

We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest, selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

Verbenas, 40 best mammoth var., 60c per 100; $5.00 per 1000. Verbena plants, strong, full of cuttings, $2.00 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Verbenas, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Lemon verbena, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VINCAS.

Vincas—Major and Minor; strong field-grown plants, $1.00 per 100; $7.50 per 1,000. Major put in 4-in. pots now will be fine for spring. James M. Lamb, Fayetteville, N. C.

Vincas, variegated, rooted cuttings, $1.25 per 100; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca, Harrison vine, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

10,000 Marie Louise violets. Sand rooted cuttings, extra strong and free from all disease at $10.00 per 1,000. Also 5,000 October struck, now in cold frames; fine plants, $15.00 per 1,000. The above stock is true to name and satisfaction guaranteed. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise; nice, clean stock, sand-rooted cutting, 75c per 100; $6.00 per 1,000. Well established plants, $1.25 per 100; $10.00 per 1,000. Now is the time to stock up at little expense. Sample free. R. Kilbourn, Clinton, N. Y.

Violet Runners. 25,000 strong rooted runners, Lady Campbell violets. From sand, $5.00 per 1,000; from soil, $7.50 per 1,000. Samples free.
Wm. Swayne, Kennett Square, Pa.

La France and Princess of Wales, $5.00 per 100. C. Eisele, 11th and Jefferson sts., Philadelphia, Pa.

California violets, good strong plants at 50c per 100. John Monkhouse, Caddo Nurseries, Jewella, La.

Princess of Wales violets, young plants, $2.00 per 100; $15.00 per 1,000. Wm. Sim, Cliftondale, Mass.

10,000 M. Louise violets, 2¼-in., in bud, $1.50 per 100. Morris Floral Co., Morris, Ill.

Swanley White, 2-in., $2.00 per 100. Nanz & Neuner, Louisville, Ky.

MISCELLANEOUS.

Rooted cuttings, per 100: Achyranthes $1.00, Cuphea (cigar plant) $1.25, Impatiens Sultani $2.00, Manettia bicolor $1.50, Tradescantia tricolor $1.25. Impatiens Sultani and Manettia, 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, and iresines, red, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Artillery plants, rooted cuttings, 50c per 100. Cash. W. L. Thomas & Son, box 82, Augusta, Ky.

TO EXCHANGE.

To Exchange—Best varieties of Ivy Geraniums, from flats and 2-in. pots; also pansy seed of the finest strain for rooted cuttings of Mrs. Bradt, Joost, Triumph and Daybreak. Correspondence invited. Frank L. Rumrey, Box 124, Stoughton, Mass.

Geranium pot plants. 100 each dbl. white and scarlet, 50 each Mme. Salleroi, Frances Perkins and choice mixed at 3c in exchange for rooted carnation cuttings. Geo. F. Braybon, L. B. 1176, Kent, Ohio.

To Exchange—Rooted cuttings of carnations (see adv.) for A. Sprengeri and A. Plumosus nanus. Krueger Bros., Nevada and Clark sts., Toledo, Ohio.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 & 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

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Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Prepared Tropical Palms. Chemically prepared from natural Florida palms. Agents wanted in every city. Send for wholesale price list. J. A. Keeney, Monongahela, Pa.

Laurel festooning, the best, 4 to 6c per yard. All hand-made and of the best material. Dagger and fancy ferns at market prices. Crowl Fern Co., Millington, Mass.

Hardy cut ferns. Per 1000: In 1000 lots, $1.25; 5000 lots, $1.20; 10,000 lots, $1.10; 25,000 lots, $1.00. L. B. Brague, Hinsdale, Mass.

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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

FERTILIZERS.

Bone meal made for my own use and for other florists who want a good article. Try a bag and be convinced. $3.50 per 200-lb. bag; $35.00 per ton.
Albert M. Herr, Lancaster, Pa.

Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for price and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

Pure pulverized sheep manure, fine bone flour and hardwood ashes. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

Sheep manure, bone meal, tobacco stems and dust and horn shavings. W. W. Barnard & Co., 161 Kinzie st., Chicago.

FLORISTS' LETTERS.

Felt letters, 1½-in., 70c; 1-in., 60c; ¾-in., 55c per 100. Cash or stamps with order. Fred Paul, 632 Race St., Philadelphia, Pa.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

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Green and Bronze Galax, 60c per 1,000; $5.00 per 10,000. POSTAGE PREPAID. Laurel Sprays, $2.50 per 1,000. Cash with order. Address

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North Carolina

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J. G. Lovan, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

Galax leaves, bronze and green, 75c per 1,000. Crewl Fern Co., Millington, Mass.

Galax leaves. J. L. Banner & Co., Montezuma, N. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury st., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
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Baur Window Glass Co., Eaton, Ind.

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Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J. G. & A. Esler, Saddle River, N. J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

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Siekmann Dip Co., Chicago.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

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Clipper Lawn Mower Co., Norristown, Pa.

Coldwell Lawn Mower Co., Newburgh, N. Y.

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Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers, best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey st., New York city.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capitol, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

RAFFIA.

When in want of Raffia, write to Chas. W. Jacob & Allison, Importers, 66 Pine St., New York.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

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C. A. Kuehn, 1122 Pine st., St. Louis, Mo.; Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

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Reed & Keller, 122 W. 25th st., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash ave., Chicago.

GRAND RAPIDS, MICH.

Trade Conditions.

Trade since the holidays has been all that could be desired, an important factor being funeral work, which has kept up steadily all winter. Shipping orders have been far in excess of the supply. So scarce are flowers that telegraph orders from new customers are refused, as it is almost impossible to supply regular customers. Roses are off crop and the demand strong. American Beauties, what few there are, are short-stemmed and poor. In carnations, Daybreak and red are the scarcest. The violets are in great supply, also paper whites. Most of them are shipped. Tulips are beginning to come in fine. Harrisii still continue to straggle along in blooming. They have not done satisfactorily, as about 40 per cent of the bulbs were either diseased or failed to start into growth at all.

Prices: Roses, $1 to $1.50 per doz.; carnations, ordinary, 35 to 50 cents per doz., Irenes 75 cents; Harrisii, $2 per doz.; violets, 20 cents per doz.; paper whites and Von Sions, 75 cents, and tulips, 50 cents per doz.

The Baltimore meeting is being agitated somewhat. Those who will probably attend are Henry Smith, Geo. F. Crabb, Chas. Chadwick and Jean Davis. It is to be hoped the weather will be favorable and the meeting well attended. It looks as if no reduced fare was to be had from the railroads. G. F. C.

CATALOGUES RECEIVED.

The Conard & Jones Co., West Grove, Pa., trade list for spring of 1901; North Shore Ferneries, Beverly, Mass., wholesale price list; W. A. Christy, Kinsman, Ohio, descriptive catalogue of "Maple-shade" collection of gladioli; Samuel C. Moon, Morrisville, Pa., ornamental trees, plants, shrubs, vines, etc., and fruit trees and plants; W. W. Wilmore, Dahlia Specialist, Denver, Colo., dahlias, cannas, cacti, etc.; Nathan Smith & Son, Adrian, Mich., specialties of latest floral novelties; Griffith & Turner Co., No. Paca street, Baltimore, Md., seeds, bulbs, plants, etc.; Nanz & Neuner, Louisville, Ky., plant catalogue for spring 1901; Livingston Seed Co., Columbus, Ohio, Lexington seed annual for 1901.

The Kroeschell Bros. Co., Chicago, have issued a new catalogue descriptive of their improved greenhouse boilers, but appear a host of letters from satisfied users of their boiler and these letters are prefaced by the claim: "First prize awarded by His Majesty the Trade."

The annual catalogue of the Storrs & Harrison Co., Painesville, O., has been issued, and is, as usual, complete, comprehensive and accurate, covering trees, plants, shrubs and seeds. It is a catalogue that recipients invariably preserve for reference.

Los Angeles, Cal.—John Wanamaker, of Philadelphia, has sent an importation to parties here for two to three hundred large rose bushes, ranging from 15 to 50 feet in length, to be used in a decoration of his New York store. They are to cover a space of 20,000 square feet.

Sioux Falls, S. D.—At the annual meeting of the State Horticultural Society recently held in this city, a movement was inaugurated looking to the securing of an adequate appropriation by the legislature for horticultural development in the state. Officers for 1901 were elected as follows: President, H. M. Avery, Sioux Falls; vice-president, A. Norby, Madison; secretary, N. E. Hansen, Brookings; treasurer, M. J. DeWolf, Letcher.

Beeville, Tex.—The South Texas Truck and Fruit Growers' Association held its annual convention here Feb. 5, 6 and 7. The program covered all the phases of truck farming and fruit growing in this state, including twenty-two essays by practical gardeners.

Rochester, N. Y.—The E. R. Fry Florist Co. has been incorporated, with a capital stock of $2,000. The assets are given as at least $7,000, and debts not to exceed $3,447.89.

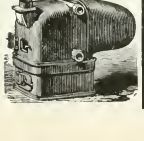
Monongahela, Pa.—Fire destroyed a storehouse at the greenhouses of I. S. Crall the morning of Jan. 30. It originated from an overheated stove.

Woodhaven, L. I.—Camdon Bros. took to market Jan. 29 the first greenhouse rhubarb sent in by Long Island gardeners this season.

Lander, Wyo.—The Fremont County Hort. Society has been organized with R. H. Hall president, Ed. Farthing vice-president, and Frank Nichols secretary and treasurer.

South Orange, N. J.—Mr. W. A. Manda has been and still is ill with typhoid fever.

Eau Claire, Wis.—W. G. Newell has discontinued business as a florist here.



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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street, Chicago.

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This paper is a member of the Chicago Trade Press Association.

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SCHENECTADY, N. Y.—Chas. Limmer, formerly of Cobleskill, will soon open a retail store here.

OSWEGO, N. Y.—Schuyler Worden, the originator of the Worden grape, died Jan. 26, aged 94 years.

SYRACUSE, N. Y.—The Central New York Horticultural Society will hold its annual meeting here Feb. 15.

ROCHESTER, N. Y.—The annual meeting of the American Seed Trade Association will be held here June 11 to 13.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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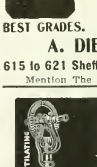

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A "QUARTER CENTURY" CATALOGUE.

The "Quarter Century" edition of the catalogue of Messrs. W. Atlee Burpee & Co., Philadelphia, has reached us. It contains 220 pages and a most interesting feature to the professional gardener is an outline of the advancement in flowers and vegetables from seed during the last twenty five years. From a typographical standpoint it is remarkable the amount of matter Mr. Burpee manages to print on one page of his catalogue and still avoid the appearance of overcrowding. And the matter, too, is all original and all useful in instructing the reader, as well as presenting the merits of the immense number of varieties of seeds and plants offered. It is a catalogue that will surely be preserved by every recipient. The half-tone engravings from photographs are most satisfying, as well as beautiful and interesting. There are fine colored plates of Burpee's "Quarter Century" tomato, "Caprice" nasturtium, and "Matchless" muskmelon, and many other promising novelties are illustrated and described.

A MOTH CATCHER.

S. A. Hazeltine, Springfield, Mo., has invented a trap for catching the moths that lay the eggs from which are hatched the larvæ that do so much damage to fruit and other trees and shrubs. This seems like going to the root of the trouble and if the trap does what is claimed for it spraying will soon be a relic of the past. It is certainly simpler to kill the moths than the thousands or millions of their offspring, and a vast sight cleaner as well as less expensive than spraying.

Mr. Hazeltine asserts that most of these moths fly at night and the trap consists of a lamp set on a pan and with eight reflecting surfaces set around the light in such a way as to attract the insects to the danger point before they can be warned away by the heat, which last renders ordinary lights only partially effective. The trap is offered at a reasonable price, and if it is anywhere near as effective as claimed by users it will prove invaluable as a destroyer of outdoor insect pests. It might also be useful in the greenhouse under certain conditions.

JAMESTOWN, R. I.—David Gordon has made an assignment.

SPRINGFIELD, O.—P. H. Murphy is a new addition to the list of florists, starting with 5,000 feet of glass.

VICTORIA, B. C.—W. Ashley, nephew of Mrs. M. A. Connell, proprietress of the Fair View Nursery, died last November.

COBLESKILL, N. Y.—Alfred Goldring, formerly with his brother at Albany, has leased the greenhouses of Charles Limmer here.

STREATOR, ILL.—W. C. Hill, senior partner of the W. C. Hill Floral Co., is very low with pneumonia and his recovery is hardly expected.

TAMPA, FLA.—H. Cunningham, of the local board of trade, has received from California a copy of the law of that state regarding insect pests and will take steps to have a similar law passed by the Florida legislature.

OCONOMOWOC, WIS.—C. Schreiber, florist, died Jan. 28, aged 67 years.

DUNKIRK, N. Y.—James I. Dudley has purchased J. M. Hackett's stock on the South Shore Seed Co. and is now the owner. The business name will be changed to James L. Dudley's Seed Co.

ATLANTIC CITY, N. J.—D. B. Edwards, the florist of this city, and Miss Eva Lewis were united in marriage Jan. 24 at the home of the bride's cousin in Philadelphia. The house was handsomely decorated by Habermehl, the Philadelphia florist. After the ceremony the couple left for a wedding trip to Washington and points in Virginia.

CRIPPLE CREEK, COLO.—James Burns has opened a florist's store on Bennett avenue.

NEW HAVEN CONN.—Archibald Veitch, the veteran florist, died Jan. 25, aged 82 years.

NEWTOWN, CONN.—Frederick Lundberg, the florist, formerly of Fair Haven, died here Jan. 25, aged 82 years.

NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN—SOLD BY SEEDSMEN—CIRCULAR FREE—SKABCURA DIP CO. CHICAGO.

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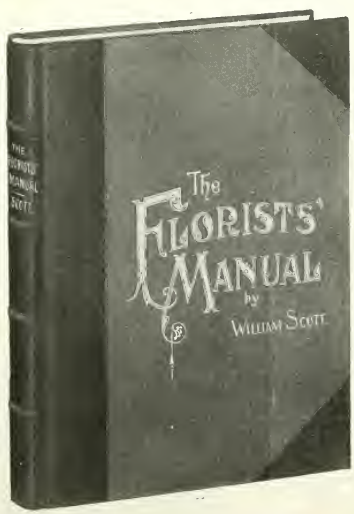

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Price $5.00 Delivered.

Florists' Publishing Co., Caxton Bldg., Chicago.

IRRIGATION.

The subject of irrigation of garden crops is receiving some little attention from the general gardening papers. Has any carnation grower tried irrigating the land upon which he grows his carnations in spring and early summer? Would it not pay to do this and be secure from the injurious effects of possible drouths?

J. M. C.

OWENSBORO, KY.—The H. B. Phillips Seed Co. are preparing to make a large addition to their store.

MARLBORO, MASS.—W. L. Lewis has succeeded to the business of F. A. Howe.

SPENCER, MASS.—A. W. Hoyle has sold his business to F. J. Prouty, who will continue it.

CHARLESTON, ILL.—Allen M. Nott has purchased a half interest in the business of Etta J. Nott.

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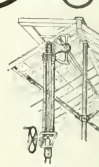
See That Ledge.

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED IRON GUTTER.



ESTIMATES FURNISHED ON CYPRESS GREENHOUSE MATERIAL WITH OR WITHOUT OUR Patent Iron Gutters and Plates. NO THREADS TO CUT FOR OUR Patent Iron Bench Fittings and Roof Supports.

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Send four cents in stamps for our circulars and catalogue.

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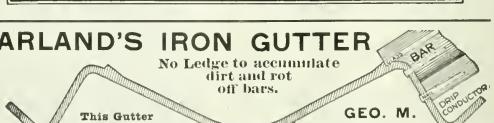
GARLAND'S IRON GUTTER

No Ledge to accumulate dirt and rot off bars.



This Gutter will save money in cost of construction.

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HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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KROESCHELL BROS. CO.

Kroeschell Bros. Co., Chicago, Ill. BLUE ISLAND, ILL., March 11, 1894.
GENTLEMEN: In favor of the 8th inst., asking me for an expression of my views as regards your heaters as compared to others we have tried, is at hand.

With age, ill, the fourteen years since we began we have made three changes. We have added 50 feet of glass, and here it easily. We have about 50,000 feet of other one. I am free to say, I prefer it, and would suffer to any heater I have handled. You may write about With the Yours truly, Chas. Kroeschell Bros. Co. you deserve. I am,

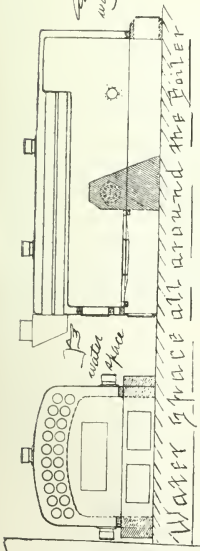
ALL CONTRACTS STRIKES, FIRES, CARRIERS AND OTHER AVOIDABLE OR BEYOND

If you want a new Boiler this year, let us give you a figure on one now.

Prices of steel may advance later on the same as has been the case with Glass.

Will book your order at present low prices, and deliver the Boiler any time you want it next Spring or Summer.

Yours truly,



NILES CENTRE, COOK CO., ILL., March 20, 1894.
Messrs. Kroeschell Bros. Co.,
Chicago, Ill.
GENTS: Those two boilers you made for me are the best I ever used. I have used more than twenty different kinds of boilers, and never saved so much fuel as I did this winter with your boiler.
Truly yours, F. STIELOW, Florist,
Niles Centre, Cook Co., Ill.

EVANSTON, ILL., March 26, 1894.
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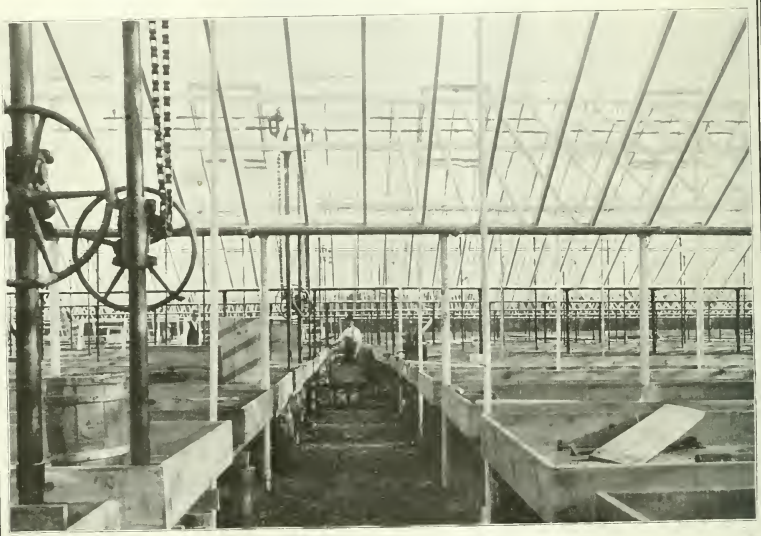
DEAR SIRS: Replying to your favor, would state that I have in use three of your Improved Green House Boilers, which I have had for five years. Before purchasing yours I had been using the Devine Boiler. I like your boiler better because it has water front and water back, which allows no heat to escape. The saving of coal as compared with other boilers is about one-fourth. Your boiler is easier to run than other boilers.
Yours truly,
M. WEILAND,
Evanston, Ill.

THE GARLAND

Iron Gutter and Iron Post Construction

FROM A PHOTOGRAPH TAKEN LAST SUMMER DURING CONSTRUCTION.



BY using the **Garland Iron Gutter and Iron Post** construction in the above range of six houses, each 26 feet 8 inches wide by 250 feet long, there was made a saving of $1,200.00 over wooden gutter and wooden post construction. The Iron Gutter and Iron Post construction cost $100.00 per house more than wooden gutters and wooden posts, but there was a gain of 750 square feet of available bench surface in each house. This additional bench surface is worth at least 40 cents a square foot, and therefore, a total of $300.00 per house. Deducting from this the $100.00 extra cost of the Iron Gutters and Iron Posts, left a saving of $200.00 on each house over wooden construction. And on the six houses the gain was $1,200.00. This was the saving for the first year. In following years the full $1,800.00 will be saved annually. That the space gained is just as valuable as any other in the house is attested by many of the most noted florists in the country. Aside from the saving noted this range of houses will last indefinitely.

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, FEBRUARY 14, 1901. No. 168.

THE LARGEST FANCY CARNATION. Ready March 1st.

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All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

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IRENE

THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

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Asparagus Sprengeri,	$3.00 per 1000	
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Wholesale price list of High Class Flower Seeds, etc., for florists, free on application.

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Remember -- Chrysanthemum

MRS. ELMER D. SMITH

Scored 94 and averaged 92.75 points; more than any competitor.

Goldmine did likewise Fall of '99, and is the largest and best yellow for Thanksgiving.

Lavender Queen is the best pink for same occasion. **Merry Christmas, Superba and Liberty** are the latest white, pink and yellow.

We can tell you which are the BEST.

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Catalogue for the asking.

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CATTLEYA SCHROEDERAE

Just arrived in fine condition from a new region.

Our new price list for 1901 now ready.

Lager & Hurrell, Growers and Importers... Summit, N. J.

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500,000 VERBENAS....

60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

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BOSTON FERNS!

Do you want to make some money for Easter? Then write

GEO. A. KUHL, Pekin, Ill.

about those 4, 5, 6 and 7 in. Bostons he has. They are ready for a shift and will make you money as well as a fine display at Easter time

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MR. WM. MUNRO, ONE OF THE JUDGES
APPOINTED BY THE PHILADELPHIA FLORIST CLUB TO JUDGE
OUR GRAND NEW ROSE

Queen of Edgely

PINK AMERICAN BEAUTY,

Writes — December 31, 1900, as follows: —

"Having had the pleasure of visiting your greenhouses and seeing — for the first time — your new rose 'Queen of Edgely' growing on the plants, I should like to say that my first impression as regards its **sterling worth** has been greatly strengthened. At the time of my visit it was a sight **worth going a long way to see**, having stems **6 to 8 feet** long. With its **luxuriant foliage, exquisite color and fragrance, large size of bloom,** together with its **free budding qualities,** I consider it a **grand introduction** and a **money maker** for all growers of American Beauty Roses."

Lansdowne, Pa. Truly yours, WM. MUNRO.

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GLADIOLUS XXX, the finest mixture in the market for florists, $12.00 per 1000; $1.50 per 100.
TUBEROSES, extra fine dwarf Pearl, barrels containing 800 and 900 each, $4.00 and $7.00.
CALADIUM ESCULENTUM, extra fine, 9 x 12 inch circ., $7.50 per 100. Good size, 6 x 9 inch circ. $3.00 per 100.
TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs, $2.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
LILACS, in 4 varieties, $15.00 per 100. **AZALEA MOLLIS,** fine, $15 per 100. **AZALEA PONTICA,** $15.00 per 100. **RHODODENDRONS,** fine, $15.00 per 100 up. **PAEONIA SINENSIS,** $16.00 per 100. These are the finest named varieties in existence.
H. P. ROSES, extra fine, $10.00 per 100.
CRIMSON RAMBLERS, very strong, $20.00 per 100.
Prices on all other stock for Spring and Fall delivery cheerfully given by

F. W. O. SCHMITZ, - Jersey City, N. J.

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Japan Fern Balls

ONE OF BEST **EASTER SELLERS**

Start them now. We offer for **February:**
7-8-inch each, 40c; doz., $3.50; 100, $25.00.
Monster, 9-11-inch, each, 60c; doz., $6.50.
Beautiful FERN WREATHS,
1st size, each, 60c; doz., $5.00; 100, $40.00.
2nd size, " 40c; " 4.00; " 35.00.
Send for new list Bulbs, Seeds etc.

Address **H. H. BERGER & CO.,**
Est. 1878. **47 Barclay St., New York.**

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WITH —

CALDWELL THE WOODSMAN CO., Evergreen, Ala.,

Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.

Our advice: Wire your orders and go to sleep in peace. N. B.—We also sell some Holly.

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good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2 inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.

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JOSEPH HEACOCK, Wyncote, Pa., Grower of

ARECA LAUTESCENS,
KENTIA BELMOREANA,
KENTIA FORSTERIANA,
LATANIA BORBONICA.

Write for Price List.

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119 & 122 West 25th St., NEW YORK, N. Y.

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Importers and Dealers in Florists' Supplies.

Galax Leaves and all Decorative Greens.

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Remember we are headquarters for best goods always.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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CARNATIONS

CARNATION NOTES.

Shading.

You must now look after the shading of your carnation cuttings closely on bright days. The sun is gaining in strength and an hour's neglect may cause the loss of many cuttings. Most of us have a busy time for an hour or two each morning, but you must not neglect the cuttings, for on their health will largely depend your success next season. The whole secret in rooted carnation cuttings lies in keeping them from wilting without causing damping-off from too much spraying. If you see the day is going to be bright spray the cuttings early in the morning and let down the curtains or put on the shading before the sun strikes them. They will then start in the day in good fresh condition and will be better able to stand the warm, dry atmosphere during the day than if the sun is allowed to shine on them and dry them off for an hour, or even a half hour. But in the evening if they are nice and fresh take away the shade and let them have the weak sunshine for an hour to allow some of the dampness on the foliage to evaporate, and to help keep the cutting sturdy.

I do not like to have the foliage damp over night, as it causes rust to start on some varieties, and damping-off is usually started the same way. Keep the sand well saturated with water. Examine the sand in the evening, because it will show better then if it needs watering; but do not water except in the morning. In the morning it will look moist unless it is quite dry, which it should never be from the time the cuttings are put in until they are taken out again. I see that there are some growers who are just commencing to make cuttings and that there are others who have not as yet made any. They will be just that much late next fall when the blooming season opens up. The early bird catches the worm, you know.

Exhibition Blooms.

When you get to Baltimore and see some of those fine blooms on long and strong stems you will be tempted to invest heavily in some of the varieties that "show up" best. But do not let the sight of those fine blooms carry you off your feet. With average weather this is, perhaps, the best time for fine carnation blooms, and a variety is likely to show up now if it ever does.

Such varieties as The Marquis, Empress and Pingree can be had in fine shape at this date and will often show up better than other varieties which are earlier and therefore much more profitable. When McGowan was a novelty it was beaten in New York (I think in March) by a variety named Sea Gull, raised by Mr. Dorner. McGowan is grown today, while Sea Gull was never disseminated on account of its lateness. Jubilee was beaten in this city (Indianapolis) in 1894 by a scarlet seedling of Mr. Hill's, which was never heard from again on account of its lateness, and only a few years ago Flora Hill was beaten by Jack Frost, which nobody grows now. All this happened in February or March, but in December or January not one of these three winners would have been able to compete. So unless you know that a variety blooms early you are not safe in judging it as a commercial variety by the way it is shown at this date.

A plan that I have found to be a good one is to begin with fall shows and notice what varieties are staged in good condition, and then watch them throughout the season, and if the reports are uniformly good you may feel safe in investing in them, providing the colors are what you want. Steer clear of those that are not exhibited until along toward spring. They are usually late varieties, therefore unprofitable.

Is Judging Blooms in February Fair?

The National Carnation Society has done some grand work in helping to improve the carnation and deserves all the encouragement we can offer it; but it seems to me that its present method of awarding certificates in February is not exactly fair. Many an early-blooming and money-making commercial variety fails to gain a certificate because it does not "show up" with some of those large late bloomers that are making their first crop of blooms and are of little commercial value on account of their lateness, fine as their blooms may be in February and March.

The growers have been accepting these certificates as a recommendation from the society as to the value of a variety commercially, which is quite natural, but at the same time it is a great mistake. These certificates merely certify that a variety will produce blooms of a certain quality in February, but that is not, by a long way, saying that it will be profitable to the commercial grower, and after all is said and done, that is what we want to know.

It seems to me that the society could have a committee in each of several large cities to judge seedlings about once each month (say at the regular club meeting) from September or October until June or July—the longer you make the season the better. Score just as you do now and at the end of the season figure up the total and require them to figure up so high in order to gain a certificate, just as you do now.

An early and steady blooming variety that produces blooms of good average quality would be likely to gain a certificate while those very late ones would stand little chance even if they produced ever so fine blooms. A variety like White Cloud, which comes in in fair time and produces extra fine blooms, would score high each time it was shown and would make up what it lost in earliness.

Perhaps this could be improved upon in some ways, but the idea is to get at the earliness and steadiness of a variety as well as the quality of its blooms, and that is what interests the growers, and a certificate gained under those conditions would mean something to us.

A. F. J. Baur.

New Carnation Governor Wolcott.

NEW CARNATIONS.

We present in this issue engravings from photographs of individual blooms of several new carnations, seedlings grown by Mr. Peter Fisher, Ellis, Mass.,

Peter Fisher's No. 170. Fine Daybreak Shade deepening to center.

which will be exhibited at Baltimore. The seedlings that have been maturing under the skilful care of the originator of Mrs. Thomas W. Lawson are naturally of great interest to all, and while the engravings show merely the form of the flower, the following descriptions by Mr. Fisher will help to give carnationists an idea of what they are like.

Governor Woleott is pure white in color. The bloom averages three inches and over in diameter, and has a grand form and substance. A fine calyx from which the petals are thrown well out before expanding. The blooms are borne on wiry stems two to three feet in length, which are strong enough to support the flower gracefully. The plant is a healthy grower, free from disease and of almost ideal habit. Altogether, it is a very promising variety. It may be disseminated in 1902. A noticeable feature is the uniformity in the size of the blooms, running from 3 to 3¼ inches in diameter and very seldom under or over that size.

Eastern Star is also pure white. It is a deeply fringed, full flower of fine form, with high built center, but does not burst. The stem is long, wiry and very stiff. Foliage small, like McGowan, permitting the plants to be put closer together in the house than the average, thus saving space. Mr. Fisher has been selling a limited quantity of this variety this season, which has been very rapidly engaged (always ahead of supply) by growers who have seen it, for the past four seasons, which is a pretty good indication of its excellence. It is a grand keeper and altogether a very promising commercial sort.

No. 170 is a pure Daybreak shade, deepening toward the center, which is formed like a rose (with core). A very early, free and continuous bloomer, producing enormous flowers, 3¼ to 4 inches in diameter, on long stems. In size of flower and length of stem this variety surpasses the Lawson (one of its parents) and the habit of plant is the same upright growth.

No. 130 is a white ground penciled with pink; very chaste. A free, vigorous grower and bloomer; 3½-inch flowers on long wiry stems; plant exceedingly healthy and of fine habit.

No. 270 is until the dull days of winter one of the very best pure white sorts. In the dark season the center is marked and shaded with pink; very chaste and a ready seller. The blooms run from 3 to 3½ inches, are of fine form and borne on stiff stems. It is very early and free and promises to be a summer bloomer.

NEW CARNATION NORWAY.

We present herewith an engraving from a photograph of this fine new white carnation that is being introduced this season by Messrs. H. Weber & Sons, Oakland, Md. It is but fair to state that the blooms shown were cut on a Tuesday and were not photographed until the following Friday, on account of a delay in transit. It is certainly a very promising white carnation. The blooms of this variety sent to the carnation meeting of the Chicago Florists' Club excited general admiration, and the flower scored 92 points, the highest number of any new variety shown.

AMERICAN CARNATION SOCIETY.

The tenth annual meeting of the American Carnation Society will be held in Baltimore, Md., next Thursday and Friday, Feb. 21st and 22nd.

The annual meetings of this society, and particularly the exhibitions of new carnations held in connection with the meetings, have steadily grown in importance and interest to the trade and have become of the greatest value to every grower of carnations, and that takes in almost every florist in the country.

No one in the trade who can possibly get to Baltimore next week should miss this meeting and the accompanying exhibition. A personal examination of the blooms of the new varieties that will be displayed there may mean the making or the saving of a good many dollars to you. While the awards of the judges are of

New White Carnation Easter Star.

New White Carnation Norway.

general value, your own experience with sorts displaying certain characteristics of form, color or habit may enable you to much more definitely determine whether it is wise to take up or let alone certain candidates for popular favor. One well known grower puts it thus: "While the flowers on exhibition do not tell me positively what it may pay me to try, they do tell me positively what I want to let alone."

The Baltimore meeting and exhibition will be held in Lehmann's Hall, on Howard street, and the space devoted to the exhibition will be 71x53 feet. The hall will be lighted by electricity, and to avoid all possibility of damage to the flowers from illuminating gas, the gas will be turned off at the street.

In addition to the awards of certificates of merit to new varieties that show an advance over sorts already in commerce there are liberal prizes for well grown blooms of the standard sorts, so if you want to measure your skill as a grower with that of others you may win both glory and cash by entering in some of the general classes. By this means you can either have your position as a first-class grower confirmed by the judgment of leading experts or have your self-confidence toned down a little. Here is your opportunity to enter the tournament and have a friendly tilt with other good men. We print the premium list in full below:

Premiums.

RULES AND REGULATIONS.

First.—All entries must be forwarded so as to reach the secretary, Albert M. Herr, Lancaster, Pa., not later than the Saturday before the meeting (Feb. 16th). Exhibitors from a distance will please note that their entries must reach the secretary Saturday, Feb. 16th, and mail them accordingly. A charge of $1.00 for each entry will be made for those not entered as above requested.

Second.—All entries not staged by 1 p. m. Feb. 21st will be disqualified from any and all competition excepting for "Certificate of Merit."

Third.—All intending exhibitors of carnations who are not members of the society must pay an entrance fee of $2.00, and if competing for any of the prizes, medals or certificates, they must become a member of the society, which costs $2.00 per year.

Fourth.—All exhibits must have the varieties correctly labeled if named sorts or numbered if seedlings, otherwise they will not be eligible to competition in any class.

Fifth.—Exhibitors who are competing should leave their names and addresses with the exhibition manager so that he can prepare a card giving the same, and placing it with their exhibit as soon as the awards are made. Parties exhibiting not for competition are also requested to observe this rule.

Sixth.—The same vase is not allowed to compete for more than one prize.

Notice.—Parties wishing to exhibit plants or flowers other than carnations are requested to write N. F. Hilton, Clifton Park, Baltimore, Md., as early in February as possible for space and information.

Regulations Governing the Competition for Seedlings for the Certificate of Merit.

1st.—The variety must have been bloomed not less than three years.

2d.—Not less than 50 blooms must be shown.

3d.—Exhibitors entering for the certificate are required to pay an entrance fee of $5.00 for each variety so entered. Those varieties entered in the class for preliminary certificate at Buffalo, will be entitled to compete for the certificate upon the payment of $2.00 for each variety entered.

Special.

Two-year-old seedlings can compete for a preliminary certificate by exhibiting twelve blooms and the payment of $2.00 for each variety so entered; this payment entitling them to compete for the certificate at our next exhibition upon the payment of $3 for each variety from this class.

Scale of Points.

The scale to be used for judging all carnations at this exhibition is as follows:

Color	25
Size	20
Calyx	5
Stem	20
Substance	10
Form	15
Fragrance	5
Total	100

To secure a certificate or preliminary certificate a carnation must score 85 or more points.

In the general classes a score of 85 or more will be required to award a carnation first premium. This is made a rule so as to bring and keep our shows up to the highest possible standard.

General Premiums.

In these there are three classes.

Class A. is regardless of variety and uses

CLASS A.

No.	Open to all Varieties.	First Prize.	Second Prize.
1	100 blooms White	$12.00	$ 6.00
2	100 blooms Light Pink	12.00	6.00
3	100 blooms Dark Pink	12.00	6.00
4	100 blooms Scarlet	12.00	6.00
5	100 blooms Crimson	12.00	6.00
6	100 blooms Yellow Variegated	12.00	6.00
7	100 blooms White Variegated	12.00	6.00
8	100 blooms and other color	12.00	6.00

CLASS B

No.		First Prize.	Second Prize.
1	50 blooms White	$6.00	$3.00
2	50 blooms Light Pink	6.00	3.00
3	50 blooms Dark Pink	6.00	3.00
4	50 blooms Scarlet	6.00	3.00
5	50 blooms Crimson	6.00	3.00
6	50 blooms Yellow Variegated	6.00	3.00
7	50 blooms White Variegated	6.00	3.00
8	50 blooms any other color	6.00	3.00

In Class B introductions of 1900 are not to be entered, they coming under the next class, or Class C.

Introductions of 1900.

CLASS C.

	First Prize.	Second Prize.
25 blooms White	$3.00	$1.50
25 blooms Light Pink	3.00	1.50
25 blooms Dark Pink	3.00	1.50
25 blooms Scarlet	3.00	1.50
25 blooms Crimson	3.00	1.50
25 blooms Yellow Variegated	3.00	1.50
25 blooms White Variegated	3.00	1.50
25 blooms any other color	3.00	1.50

Special Premiums.

CLASS D.

H. Weber & Sons, Oakland, Md., offer $10.00 for the best 100 blooms; $5.00 for the best 50 blooms; $3.00 for the best 25 blooms and $2.00 for the best 12 blooms of Genevieve Lord.

Robert Craig & Son, E. G. Hill & Co. and Albert M. Herr offer jointly $15.00 for the best 100 blooms; $7.50 for the best 50 blooms; $5.00 for the best 25 blooms and $2.50 for the best 12 blooms of Ethel Crocker.

In the above competition no one grower can compete for more than one prize of each variety.

CLASS E.

The Cottage Gardens, Queens, N. Y., offer a silver cup to the value of $25.00, open to all, for the best variegated seedling carnation, with white ground, which has not yet been distributed—judging to be according to the rules of this society.

In competing for this premium each vase contesting shall consist of exactly 24 perfect blooms, 6 buds showing color, and 6 buds half open. By a perfect flower shall be meant one that has not a bursted calyx, has a stiff stem at least 15 inches long, and otherwise reasonable perfect in form. No premium shall be awarded to a variety that possesses a weak neck, that is, one that does not hold the flower reasonably erect. No premium to be awarded to a seedling of the commercial class which shall be inferior to the best variety of its class now in commerce, and no premium to be awarded to a seedling the flower of which shall be less than 2 inches in diameter.

Peter Fisher, Ellis, Mass., offers a silver cup valued at $25.00 for the best vase of Mrs. Thos. W. Lawson carnation containing 50 blooms.

Mrs. Bertram Lippincott, through Mr. John Kuhn, Philadelphia, Pa., offers a silver cup valued at $25.00 for the best vase of Mrs. Bertram Lippincott carnation containing 50 blooms.

E. H. Michel, St. Louis, Mo., offers a fine silver cup to the individual or firm making the largest and finest display at this show. This cup is well worth winning, and it is to be hoped that some one grower or firm will make a display worthy of it.

The American Carnation Society offers a fine silver cup for the best arrangement of carnation blooms, with their own or other foliage—no other flowers to be used in the arrangement.

Douglas H. Thomas, Park Commissioner of Baltimore, offers a cash prize of $25.00 for the best unnamed seedling raised in Baltimore, to be exhibited at this show.

The Lawson Medal.

A gold medal will be awarded for the best vase of 100 blooms, any variety or any color. Medal valued at $60.00.

A silver medal will be awarded for the best vase of 25 blooms of a seedling carnation undisseminated.

A bronze medal will be awarded for the best 12 blooms of any seedling carnation undisseminated.

The program for the meetings of the society include a paper upon "The Carnation in Health and Disease," by Prof. Albert F. Woods, of the U. S. Department of Agriculture, Washington, illustrated by stereopticon views, and a paper on

"Hybridizing the Carnation," by Peter Fisher, Ellis, Mass. There will be discussions upon "stem rot," "sub-watering" and other subjects of interest. The question box will be a prominent feature and questions deposited in same will be answered by those present having had experience in the matter inquired about.

The society is a very live body, doing splendid work for the advancement of the best interests of the profession. We present in this issue portraits of the president, vice-president and secretary for the current year. The treasurer was unfortunately unable to supply an up-to-date photograph in time for this issue. The president and vice-president are both Baltimore men and they will both be active as hosts as well as officers of the society and they will be ably assisted by the Baltimore craftsmen in general. We present herewith portraits of a few of the active spirits in the trade, so you may feel in a measure acquainted in advance with some of your hosts of next week.

The social feature is always prominent at the meetings of this society, and as the meeting is this year to be held in a southern city famed for its hospitality, it is certain that all who attend will be made to feel thoroughly at home.

Baltimore Hotels.

The headquarters will be at the Rennert, Saratoga and Liberty streets, the rates on the European plan being $1.50 to $2.00 per day. Other hotels are: Eutaw (American), Eutaw and Baltimore streets, $2.50 to $3.00 a day; Carrolton (Am.), Light, near Baltimore, $2.50 to $3.00; Ganzhorn, Am. $2.00 and Eu. $1.00; Lexington, Am. $2.00 and Eu. $1.00; St. James (Am.), $2.00 to $2.50 (choice and central); Altamont (Am.), $2.50.

MISCELLANEOUS SEASONABLE HINTS.

Smilax.

Smilax is not so important as it was some years ago and yet it is always found a use for, and those who do a retail business at their greenhouses are put to a good deal of bother unless they have it on their place. It might have been sown a few weeks ago and it isn't too late now. I believe in replanting every season, or at the very least every other season. The flats will not hurt beneath a warm bench for the first month after sowing, as the little plants will be very small, but after that they want the full daylight.

If you grow smilax at all, grow it profitably, and one of the most essential points is to get a good stocky plant by the end of June. As soon as the plants are large enough to handle they should go into 2-inch and by May 1 be shifted into 3-inch. They always make a feeble first attempt at making strings, and this they should do in the 3-inch pot. Then when they are put into the bed early in July the first growth is strong enough to make a good string that can be cut by October 1.

Many plant their smilax in too cool a house and then it is by no means profitable; 60 degrees at night is the lowest it ought to be. Don't think for a moment that smilax grown in a cool house is more hardy and durable. That grown in a high temperature ripens the growth better. I have tried several textures of soil. The worst result was with a light sandy loam and the best with a very heavy clay loam with at least a fourth of animal manure.

Dahlias.

There seems to be a great interest in dahlias nowadays, and when well grown they are a grandly decorative plant, but except for some large decorations they will never be popular as cut flowers. It is as a border plant or in a bed in very large grounds that the dahlia is at home. In a visit to Montreal last summer, during the early part of August, I saw dahlias 8 feet high and crowned with handsome flowers. I said: "You must have kept these well watered." "Watered! Why, we have been flooded with rain since spring." It is not always so with us. Seldom there is rain enough during the summer months to grow dahlias anything like satisfactorily, and if you can't water it is not much use trying to grow them.

The single are often raised from seed, which can be sown now and will make good flowering plants this summer. The single make very showy beds and are preferred by many for the purpose. The named varieties of all the types must, of course, be propagated either from divisions of the tubers or cuttings from them. Early planting of dahlias is not favored by the fanciers. They claim that they are liable to get stunted in July, and many of the expert growers do not plant till the first or second week of July. Dahlia roots can be kept beneath a cool bench. The cooler the better, so long as there is no danger of actual frost. A warm, dry place is not suitable, because the tubers shrink.

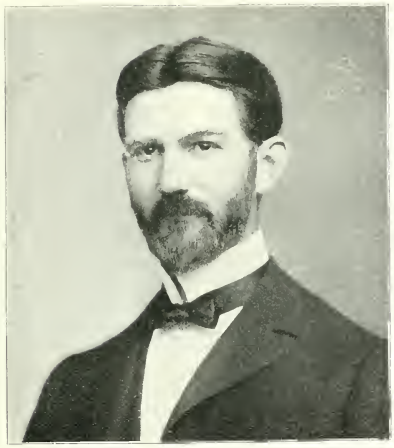
Where the supply of old stools is abundant they are sometimes just replanted, or the tubers can be divided and potted, making sure there is an eye to make a growth. If you want to increase your stock, then the propagation is quite simple. Spread an inch of earth on a bench where the temperature of the house is not less than 50 degrees at night and then throw on some more soil, just about enough to cover the tubers. From around the base of the old stalk you will get lots of young growth, and when they have made a growth of three or four inches or two or three joints, they can be cut off close to the tubers. Always make the cutting close below the joint.

These cuttings will root in any bed of sand that is kept at 60 degrees, and should be potted off as soon as the young roots start, but a still better way is to pot the cutting in a 2-inch and plunge the pots in a warm bed. They will very quickly and sometimes fatally if exposed to sun or draughts or dryness. It is perhaps too early to begin operations yet. If you start the middle of March you will be able to get good plants in plenty of time. The dahlia delights in cool weather, yet it will not endure the slightest frost and can never be planted out until all danger is over.

William Weber, Vice-President American Carnation Society.

Lemon Verbena.

There is a favorite plant which every mixed garden asks for—the lemon verbena. Plants that were grown in pots



Robert Halliday, President American Carnation Society.

never be given below 60 degrees. They are also much troubled with red spider, but that is easily kept off by the syringe.

WILLIAM SCOTT.

VIOLETS.

We have found it somewhat difficult this year to keep our violets just as we wish to have them, owing to the changeable and, up to the past week, open weather. In fact, it has been so warm that it has been impossible to prevent the plants from starting their soft spring growth, which we always try to avoid and put off as long as we possibly can. This cold weather, while it is death to the coal bin, is just what we need for the plants.

Your care must not be relaxed if you expect to have good blooms for Easter, which comes this year on April 7. A good deal of time must be spent clearing off the old yellow and decaying leaves, which will do much mischief if left, especially if the man at the hose is at all careless. There is a great difference in people in doing this work, some cleaning the plants rapidly, carefully and not hooking off the buds or cracking the stems of the good leaves, while others never seem to be able to acquire the knack of doing it.

It is also time to be removing the runners which you wish for stock for next season, and it is to be supposed that you have the plants marked that you consider especially good as to size and color of flower, length of stem and habit of plant. I think you can see a marked difference in a few years' time where you use care in selecting your stock plants in this way. In fact, we have found it rather hard the past two seasons to get as much stock as we wished, owing to the fact that the plants do not give us nearly as many runners as formerly, which is a good fault when you want flowers (which I suppose is what every grower is after), but otherwise when you want a lot of stock.

last summer and have been resting beneath a cool bench should be started at once. Often the weak growth will have dried up. Cut back to the live, solid wood, shake out and repot and put into a warm house. Keep syringed whenever you pass with the hose and you will soon have any amount of young growths which root quickly and easily. I have often heard people say that they are difficult cuttings to root. We never find them so, but they must be kept continually moist and shaded from the sun like most other cuttings.

Though a long way ahead of time, I will just say here that there is no place like a hot-bed to produce fine, bushy little plants of this sweet-smelling favorite. A plant shifted into a 3-inch pot and put into a mild hot-bed at end of April will make a splendid plant in a few weeks.

Lantanas.

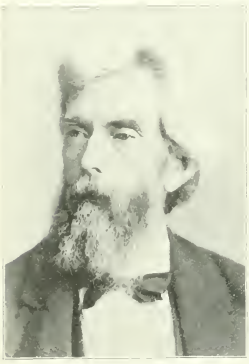
The lantana is another good, useful plant that needs about the same treatment, except that they don't need a hot-bed. Pot-grown plants that have been resting (but not dried up) should be started now in a temperature of 60 degrees. These will soon give you plenty of cuttings which root very readily.

Bouvardias.

Bouvardias are little grown now; still they are most beautiful flowers and well worth growing. Now is a good time to propagate. They can be rooted from the young, tender growths, but it is a slow job and not worth trying, because they root so easily from pieces of the root. When you shake out the old plant to cut up the roots, don't use the stout pieces of root near the stem nor the thread-like roots at the extremity. Take the medium-sized fresh roots. Cut them into pieces ½ to ¾ inch long and distribute them evenly in the sand of the propagating bed. The warmer the sand the quicker you will see the little plants spring up. Cover the roots an eighth of an inch, or just out of sight, and keep moderately moist. You will soon have all the young plants you need. When they have formed a bunch of their fine roots, lift and pot. There is no difficulty about bringing the plants along, but remember that the bouvardia is a tropical plant and should

Albert M. Herr, Secretary American Carnation Society.

While on the question of stock, we find it very hard work to get stock that is nearly as good as our own. We have to grow it several years before we get it where we want it, if it is good enough to keep at all the second season. And while I used to think it advisable to get at least part new stock every year, I begin to doubt the advisability of it for the above reasons. R. E. Shuphelt.



James Pentland, Oldest Florist still in Active Trade in Baltimore.

BUFFALO.

When we have cold weather, by all means let us have snow. And we have snow—everywhere. It is salvation to our herbaceous plants and winter wheat, that great cereal of the eastern farmer.

Business keeps up fairly well and the supply of flowers is not overdone. There will be no lack of violets for Valentine's Day, and something is necessary to keep the blue look off the beds.

It seems the planting of tulips must have been much smaller than in former years, for there are not any going to waste; in fact, hardly enough for the demand. Although there would be no warrant to grow any such quantity as we did ten years ago, yet the love of these gay flowers is by no means dead, and the fashion in flowers is not so fickle as it used to be, and these spring flowers are welcome as old friends whom we have not met for months.

I was down in Hartford, Conn., last week on a flying trip to attend the Connecticut Pomological Society. There was a decided evidence of pork and beans in this typical New England town, but also a most decided evidence of thrift and wealth, grand buildings and well-dressed people. I could not talk Northern Spy apple or Crawford peach or the "yellows," or fire blight or San Jose scale—in fact, it was difficult to talk of anything after the audience had listened to the brilliant and witty Mr. Hale, who among fruit growers of this country is a colossus. But I had the privilege of telling them of the beauties of the Pan-American in general.

From present appearances there will be at least four of us to attend the convention in Baltimore. I do hope those Baltimore men are not outdoing themselves to surpass anything that has previously been attempted at a carnation convention, but from what we can hear there is no doubt there will be a great show and an enjoyable time. Wm. F. Kasting, Charles Guenther, Wm. J. Palmer and your correspondent will be there, and possibly one or two others who have not yet made up their minds.

Visitors in town of late have been Mr. King and Charles Vick, of Rochester, and Mr. S. S. Skidelsky, of Philadelphia.

The most important event among the florists of late has been the changing of location of Mr. W. A. Adams' icebox. It used to stand against a side wall, and although an up-to-date affair, you had to turn your head to look at it. Now it stands right across the store two-thirds back of the depth of the store. There it is, directly you enter the store, to dazzle your eyes, and its contents must be seen. This, however, is only one advantage. Behind it is a grand place for drummers, advertising agents, "friendly calls," and other unprofitable people to hide behind when good customers enter to buy. Hide deadheads behind an icebox, but let your goods shine out. A very successful M. D. of my neighborhood who rides round in the most luxurious of carriages and has a different one for every day in the week says: "Wash all you have got and hang out all your wash." W. S.

BALTIMORE.

Trade Notes.

For the seven days preceding this writing (Feb. 11) we have had more wintry weather than previously experienced in any one week of this season, the record including snow, a driving storm of hail and sleet, a fall of temperature to about

Chas. L. Seybold, Supt. Patterson Park, Baltimore.

6 degrees, high winds and much cloudiness.

Trade continues good, and flowers in larger supply, but not yet abundant. There is not manifest, so far, any great improvement in quality, but prices are well maintained. Short Beauties abound,

Edwin A. Seidewitz, Chairman Committee of Arrangements for Baltimore Convention.

but some fine flowers are also coming in, Andrew Anderson being at the head of the procession of producers of this variety. Akehurst & Son are shipping a new carnation of their own raising; very showy and handsome, a dark crimson with purplish shade, of good size and long stem. Frederick C. Bauer and Cook Bros. are sending to market extra fine mignonette. Smilax comes in in excess of requirements of the trade, and shippers from a distance, of whom there are several, cannot find it remunerative.

A very handsome dinner decoration was arranged on Wednesday for Mrs. Perrin by William J. Halliday. American Beauties were used in loose, artistic arrangements in the halls and drawing room, and in the dining room the round table, seating sixteen, had a magnificent center-piece of rock crystal, filled with long-stemmed Golden Gate roses, with natural foliage instead of asparagus or other greens, the disposition of the flowers being such that no obstruction of view resulted. On St. Valentine's day the same lady gives a dinner where Liberty roses will be the main floral adornment.

John Cook has a handsome decoration for Mrs. Robert Garrett's musicale this week, in which large quantities of roses, of varying hues, according to the color scheme of the different rooms, will be employed. The week preceding Lent is marked for many social events, and the florists will, of course, profit thereby. Just now it seems largely a question where suitable material is to come from.

The Carnation Meeting.

Enthusiasm increases in the approaching carnation meeting and show, the general public seeming to share in the interest which prevails. The various committees having the arrangements in charge are using every effort possible to make the exhibition the main feature. The daily papers of the city are alive to the occasion and may be depended upon to give copious reports of the exhibits, discussions and papers. One of large circulation will devote an entire page to illustrations and accounts of the exhibits and proceedings. If a fine display of blooms is not forthcoming after being so much heralded in advance, it will be greatly deplored, as this show is counted

on as a potent factor in developing a taste for fine carnations. From such information as has reached those in charge it is believed the number and quality of the flowers will not be behind former meetings.

The banquet to the society will be held in the same hall with the show, and it is hoped to be an agreeable incident of the meeting.

A number of society ladies are showing a lively interest in the display. Amongst others, Mrs. T. Harrison Garrett, who will make a fine show of orchids and stove plants, which will contribute markedly to the extent and appearance of the exhibition.

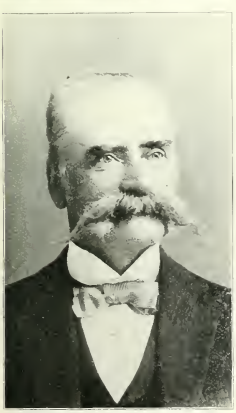
A ladies' auxiliary committee has been selected to look after the comfort of any ladies who may attend the meeting. RIX.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club, held on Monday night last, was well attended and enthusiastic. The by-laws were changed, empowering the president to appoint a nominating committee of seven, whose duty it shall be to pick out material best suited to manage the club; there was quite a discussion over the matter, which was settled by a decisive vote in favor of the above.

The several committees reported progress. Mr. Withers read the schedule to be offered for the Madison Square Garden show, and the exhibition committee were instructed to proceed with the printing and distribution of them as soon as possible. Messrs. May, E. Dailledouze



N. F. Flitton, Vice-President Baltimore Florists' Club.

and O'Mara were appointed a committee to confer with the Chrysanthemum Society at the Baltimore meeting in regard to that body taking part in the New York show. Secretary Young and Treasurer Weathered announced that the medals and certificates in connection with

Harry Ekas, Financial Sec'y Baltimore Florists' Club.

the convention exhibition had been all sent out. The essay and entertainment committee reported that preparations were being made to have an exhibition of roses at the next regular meeting.

The ways and means committee will meet at the rooms on the night of Feb. 25. Messrs. O'Mara, Burns and May were appointed a legislative committee to watch the interests of the florists' trade in the proposed drastic laws on interstate infection.

Mr. John H. Taylor read a very interesting paper on carnations, and the discussion which followed elicited much information. Mr. May gave his experiences with several of the introductions of 1900; Marquis was good but not early enough in his section; Ethel Crocker was very fine. E. Dailledouze, on being asked to give his opinion, said he knew nothing —he was there to learn. Mr. Taylor exhibited vases of very fine Scotts and Gomez; the Scotts were never planted outside but were put in the benches from the propagating house in May and commenced flowering the latter part of July, and kept on giving splendid results ever since. In answer to a query from Mr. Dailledouze, Mr. Taylor said Scotts grown indoors all the time gave a larger proportion and better blooms than those grown for a time outside; he also stated that Gomez was one of the best sellers with him this season.

There was quite an interesting exhibition of carnations in the rooms, and the judges, Messrs. Birnie, Woerner, Schweinfurth and P. Dailledouze, awarded them the following number of points on the rules adopted by the American Carnation Society: Laura C. Sherwood, a striped variety grown by E. R. Sherwood, Norwalk, Conn., 76 points; No. 2,972, a very large white, 85 points; No. 4,112, brilliant cerise pink, 75 points; No. 2,209, a bright illuminated pink, by far the greatest novelty shown, got 89 points; Maid of Honor, a light pink, 78 points; the above four varieties were shown by John N. May.

Willard F. Jagger, of Westhampton, L. I., showed a large white marked No. 1, which got 86 points, and a dark pink marked 4 that won 80 points. A. Rasmussen, New Albany, Ind., sent one called Hoosier Maid, which received 84 points. H. Weber & Son, Oakland, Md., exhibited Norway, a very large white, which got 87 points, and Egypt, a dark crimson, 74 points.

Mr. May showed a vase of very fine Olympias. Ed. Weimar, Mt. Vernon, N. Y., seven seedlings, among which were several of great promise. The committee reported there was not enough of each to judge by. This was also the case with Henry Kindsgrab's new white. Dailledouze Bros. exhibited an immense vase of magnificent blooms of Prosperity. These blooms were wonders and easily outshone all the other varieties shown. A variety called Cressbrook, sent by C. Warburton, Fall River, Mass., on Saturday, was still in fair condition.

The first annual old-fashioned beefsteak dinner given by the Florists' Club in their rooms on the night of Feb. 9, at which some seventy of the boys took part, was a great success, and much credit is due the committee. W. R. Smith, of Washington, was present, and was as young as the rest.

Bowling.

Bowling last night resulted as follows:

Traendly	164	167	177	196
Hafner	199	194	200	176
Butterfield	148	136	152	121
Burns	158	149	157	161
Shaw	156	131	125	137
Lang	159	143	146	200
Donlan				156

J. I. D.

BOSTON.

Trade Conditions.

A very few words cover the whole ground. The crop along all lines has been slowly increasing and rapidly doing so in the case of roses and violets, particularly single violets. There has, however, been demand enough to use up everything at fair prices, except what may be called "No. 1" roses. There are enough of the grade usually termed "extra" to supply the demand for good

Fred'k G. Burger, Treasurer Baltimore Florists' Club.

roses, and enough of the smaller sizes to fill the demand for funeral work and bouquets. Best grades are bringing from $2 to $2.50 per dozen, leaving a supply on hand that should sell at from $1 to $1.50 per dozen, since $4 to $6 per 100 is all the buyers wish to pay for "working" roses. Light colored carnations still remain rather scarce, good ones going at $3 and $4, and equally good Scotts and Joosts selling at $2 and $3.

The term "bulbous goods" means more than at any other time so far during the present century, being represented now by Roman and Dutch hyacinths, freesias, jonquils, paper whites and tulips. Valley, too, is beginning to look up a bit. But prices are fairly good on all these lines and the whole cut has moved so far.

Various Notes.

For one thing, a man who has so many goods to sell as I have will not take much time to look up news items, even if he has no more conscience than I am laden with. News is "off crop," too. But all the local stand-bys know that Paul E. Richwagen, one of our best liked young growers, went out to Needham a year ago and leased a plot of land with 16,000 feet of glass, a large, old-fashioned colonial mansion and out-buildings. Sunday morning one of his children awakened him at 3 o'clock calling for water and he found the house so thoroughly in flames that the inmates, ten in all, barely escaped in their night clothes. Paul was fairly well insured on his household goods, so if there is no hitch in settlement he will not lose very heavily, as the flames were confined to the dwelling house of which a good, clean job was made. J. S. Manter.

PHILADELPHIA.

The Market.

There are many occasions which raise the spirits of some of us to a high pitch—when a new greenhouse, a marble-tiled icebox or a trip across the great big pond seem within easy reach. There are just three occasions when the spirits of all of us, great and small, soar so high. They are at Easter, at Christmas, and during the pre-Lenten rush. We are now in the thick of the gaieties that are so closely crowded together just before Lent.

The market is buoyant. A well known retailer aptly described mid-winter conditions by saying that the people who bought flowers then did so because they wanted them and not because they were cheap. They are not cheap now. Beauties of the special grade, large, perfect blooms borne erect on four-foot stems, bring $9 a dozen. They are very, very scarce. Medium grades bring from $4 to $7.50 a dozen; short stems, $2 to $3 a dozen. The purchasing power of $2.50 was on one occasion lately only equal to one dozen Beauties actually blue from age or cold, and with only twelve-inch stems. Such stories are too sad and I refrain.

Brides and Bridesmaids of first quality bring $12 a 100, a few $15, but more $8 and $10; they are now fine and sell well. Carnations are coming in in great shape; $2 to $4 a 100 is the price for "good ordinaries." White is in brisk demand and in the hands of the skillful manipulator bring a cent more for each bloom than the colored sorts, at least once during the week. Violets continued rather quiet; $1 a 100 was a good price for doubles; many changed hands at lower figures; for singles 35 to 50 cents a 100 was asked.

Tulips are in their glory now. Besides the standard sorts, which can be had in quantity, several fancy varieties are seen in limited numbers, adding a wealth of rich color. Very few red tulips are in the market; various shades of pink and white are most plentiful; yellow and variegated complete the list. Price $3 to $4 a 100. Daffodils, both double and single, are improving. Good Von Sion, such as were seen here five or six years ago, are, however, missing. They brought $6 and even $8 a 100 then, and were worth it. Now they are smaller, and the growers say less reliable; $4 a 100 is the price. Single daffs bring the same figure and a larger sort $5.

Freesia is on the wane, though not scarce yet. It is gotten up in fine shape, large florets with wondrous stems that bear their fragrant blossoms proudly erect. Valley is improving and selling well. Greens are scarce, smilax and asparagus being pretty well cut out; the demand is brisk.

The events of the week were the mid-winter and several other balls, including one given by the married ladies. The club meeting was held on Tuesday. Charles W. Cox read a paper on ferns for ferneries, giving the best varieties for the purpose. Phil.

CHICAGO.

The Market.

The supply of roses has increased somewhat and prices are a little easier, first-class teas going at $6 to $8 with only an occasional sale of a few special selects at as high as $10. Of the lower grades the supply is large and prices grade down to almost nothing. Good ordinary carnations range from $1 to $1.50 with fancies at $3. We hear of some sales of extra fancy at $4, but the majority report $3 as top price obtainable. And of poor stock sales are made as low as 75 cents. There is a considerable increase in the number of poor grade carnations in the market.

There is an abundant supply of bulbous flowers and they move slowly. The finest tulips bring $4 and poor ones in job lots range from $3 a hundred down to $1 a barrel, according to one dealer. Daffodils, paper whites and Roman hyacinths move very slowly.

The shipping trade is the backbone of the market, local call being unpleasantly light for the season and not nearly equal to last year at the same period.

There is some complaint regarding delay in shipments of cut flowers, due to the heavy snow storm, and some losses have resulted.

Violets are still in the dumps, and prices on any except the very best depend upon the sort of an offer the dealer can get. One wholesaler holds out a ray of hope for the violet grower by expressing the belief that the violet will be in as good demand as ever when weather conditions permit the wearing of violets on the street.

Klehm's novelty tulips are arriving at Kennicott's and they are strictly first-class.

Various Items.

At the meeting of the Florists' Club tomorrow (Friday) evening a paper is expected from Mr. E. Buettner on growing mignonette, and one from Edwin Kanst on the best bedding geraniums.

The recent heavy fall of snow has caused growers considerable trouble and expense. Some have had to have gangs of men dig out the snow that accumulated between connected houses. Bassett & Washburn fitted their coal wagons with bob sleds and have made the haul much easier in that way.

McKellar & Winterson have put in a stock of cloth artificial flowers and plants which are now largely used by window trimmers. They are also having new signs made for the front of their store.

There was an inquiry in the market last Tuesday for "tame" smilax.

Wm. Hagemann, of Hagemann & Meyer, New York, was a recent visitor.

Mr. and Mrs. O. P. Bassett are at Palm Beach, Fla., and Mr. B. reports that the thermometer registers 90 degrees in the shade there.

John Zech was unfortunate enough to be laid up again last week. He has certainly had more than his share this winter.

Chicago to Baltimore.

A number of those expecting to attend the Baltimore convention of the American Carnation Society next Thursday and Friday have arranged to take the train leaving Chicago at 11:45 p. m. Tuesday, Feb. 19, on the Pennsylvania railroad, which arrives at Baltimore at 6:35 a. m. Thursday. The fare is $17.50 each way.

Any one in the trade desiring to join the party is cordially invited to do so. Berths may be reserved by addressing the ticket agent of the Pennsylvania Lines, 248 South Clark street, Chicago. Those who have already reserved berths are N. Wietor, Jas. Hart-horne and G. L. Grant.

ST. LOUIS.

The Market.

Business has been quite brisk the past week. There was not any great scarcity of stock, yet it moved quite lively. Really first-class roses are very scarce and the commission men complain that orders have to be filled with second-class stock. Shipping orders have been coming in heavily the past week, which are promptly filled by our commission men.

The weather has been most favorable. This morning (Monday) we are having a fall of the "beautiful."

Prices opened this week a little higher. The standard varieties in roses, such as Brides, Meteors, Maids and Perles are from $5 to $8. Beauties keep scarce at $4 per doz. for the best, and from that down to $1 for short-stemmed ones.

Carnations keep coming better all the time and some extra fancy stock, which brings $3, is seen at the commission houses. The standard varieties are $2.50 and $2 per 100. Daybreak, Scott and all white have the best call at present.

Bulbous stock was better the past week. Romans are becoming a glut and are selling as low as $1.50 per 100; freesias $2, but not overplentiful; daffodils, $3; tulips are going slowly; Harrisiis have made their appearance and sell at $2 per doz.; callas, $10 and $15; valley always in demand at $4 for the best.

Violets are about the same as reported last week, only not so plentiful; price remains the same. The same can be said of smilax.

Various Notes.

Complaint was made the past week by owners of lots in Calvary Cemetery that metal wreaths and floral emblems which were placed on graves were removed at once without notice to owners. In an interview with Mr. George V. Emory, secretary of the Calvary Cemetery Association, he said: "The rules of the association prohibit placing decorations on the graves, and hereafter they will all be removed at once without notice."

By request a bill was introduced last week in the city council to authorize the park commissioner to designate certain boulevards and avenues on which trees shall be planted. The bill stipulates that the park commissioner may specify in October of each year the districts in which trees shall be planted the following year. In order that, so far as possible, different species of trees may be planted, the commissioner is to have the power of selection for each district. He shall also state how far apart trees shall be planted and in general shall supervise the work. Persons who may be engaged to do the planting will have to obtain from him a certificate of competency. Moreover, he shall give advice and directions looking to the preservation and the protection of the trees.

Prof. Trelease lectured on "A Botanist's impressions of Mexico" last Friday before the Washington University Association.

Will Hucke, of Belleville, is sending a fine lot of carnations to this market every day. His Flora Hills are exceptionally fine.

Joe Heiml, of Jacksonville, Ill., is sending in some fine roses. A few of his Golden Gates this week had 54-inch stems.

Winfried Whiteman, with Frank Ellis, was all smiles last week. It's a girl and Whit is receiving congratulations every day.

Joe Rolker, of New York, is a visitor, calling on the trade with supplies of all kinds.

On March 1 Fred Foster will move from 8th and Olive to 1000 Olive street.

The Jos. F. Dickmann Seed Co. have changed the style of the firm to Dickmann-Dusard Seed Co. They will do business at the same old stand.

E. W. Guy, Henry Emundt and Dr. Halstedt, all of Belleville, are shipping first-class stock of all kinds to this market.

Sanders Nursery, of this city, captured three out of the four orders for trees and shrubs for the water department for the new Chain of Rocks Park, amounting to $800. The other order went to J. K. Derker, agent for Augustine & Co., Normal, Ill. J. J. B.

NEW CARNATIONS.

Registered with the American Carnation Society.

By L. E. Marquisee, Syracuse, N. Y.—"The Empire State." Color, pure white; size, three to four inches; calyx perfect; stem strong, two to three feet; substance exceptionally good; form, full double and well built up and very fragrant. Habit, ideal, making only flowering wood; growth vigorous and quick. Free as a carnation can be, early and continuous.

By W. S. Nichol, Barrington Center, R. I.—"Wild Rose." Color, pure pink, of a clear wild rose color. Very early, free and continuous bloomer. Habit of plant compact and upright, with strong, stiff stems and perfect calyx. Flowers two and three-quarters to three inches, and one of the greatest producers of any commercial variety grown.

By John Kuhns, Philadelphia, Pa.—"John Habermehl." Color, dark pink or red; a good sized flower on a good stiff stem, and with a calyx that does not burst. Habit of plant all that could be desired and an early, free and continuous bloomer.

By Frederick Specht, Rochester, N. Y.—"Mrs. Margaretha Behn." Color, a beautiful light pink; flower of good size with a good calyx and a stiff, strong and long stem. "Miss Meta Behn." Color, light pink; large flower on a long and stiff stem and with a perfect calyx. "Miss Flora Specht." Color, bright red or scarlet; a good big flower and a very strong stem and a non-bursting calyx.

Do not forget the meeting at Baltimore, Md., Feb. 21st.

ALBERT M. HERR, Secretary.
Lancaster, Pa.

SPRINGFIELD, MASS.—At the meeting of the Amateur Horticultural Society, Feb. 1, Mr. H. F. Burt, of Taunton, delivered a very interesting and instructive address upon the dahlia, speaking for two hours upon its history and cultivation. Last fall Mr. Burt had a fine display at one of the meetings of the society and the members desired to hear from him as to methods of culture, etc. Previous to the lecture a short musical program was furnished. Rev. W. T. Hutchins will speak at the meeting of the society to be held in March.

WASHINGTON, D. C.—The House Judiciary Committee has ordered a favorable report on the bill to incorporate the Society of American Florists and Ornamental Horticulturists.

HELENA, MONT.—Chas. O. Horn reports business as good and that he can hardly supply the demand. The state legislature is in session here for two months, which makes trade lively.

Special Bargains.

We are headquarters for the following:

All plants quoted from 2½-inch pots, except where noted.

Asparagus Plumosus Nanus, $4.50 per 100; $40.00 per 1000.

Asparagus Sprengeri, $2.50 per 100; $20.00 per 1000.

Acalypha Sanderii and Triumphans, $3.00 per 100; $25.00 per 1000.

Azaleas, 12-inch heads, best varieties, $4.00 per dozen.

Boston Ferns, $3.00 per 100, $25.00 per 1000.

Crotons, fine-t assortment, $4.00 per 100, $25.00 per 1000.

Calla Lilies, blooming bulbs, 75c per dozen; $6.00 per 100.

Cannas, all the leading varieties, well established in pots, $5.00 per 100.

Camellia Japonica, 20 inches in height, assorted colors, 50c each; $5.0 per dozen.

Coleus in all the leading varieties, $2.50 per 100; $20.00 per 1000.

Geraniums, double and single varieties, the very best, $4.00 per 100; $35.00 per 1000.

Hibiscus, 10 sorts, $2.50 per 100.

Heliotropes, $2.50 per 100; $20.0 per 1000.

Ponderosa Lemons, bear- fruit two pound and up, an ideal pot plant. It blooms and fruits when quite small. $1.00 per dozen; $7.00 per 100; $60.0 per 1000.

Otaheite Orange, $3.00 per 100; $25.00 per 1000.

Moon Vines, $3.00 per 100.

Russellias, the very best sorts, $2.50 per 100.

Smilax, $2.00 per 100; $17.50 per 1000.

Salvia Splendens, $2.50 per 100.

Lemon Verbena, $2.0 per 100.

Tuberoses, first class bulbs, 75c per 100; $6.00 per 1000.

Roses, all the leading varieties Teas, Hybrid Teas, Climbers, from 2½-inch pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-inch pots Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c.

Send us your list for special quotation. Our wholesale price list just out. Write for it to-day.

THE GOOD & REESE CO.,

THE LARGEST ROSE GROWERS IN THE WORLD. SPRINGFIELD, OHIO.

Mention The Review when you write.

LETTUCE. Big Boston and Boston Market, and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE. Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO. Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other **Vegetable Plants**, also **Flower Plants.** Send for list.

R. VINCENT, Jr. & SON,
WHITE MARSH, MD

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
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PANSIES and VERBENAS

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—S. A. Nutt, Grant, Red Bruant, Pink and La Favorite, 2½-in., $2 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 3-in., $3 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

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GOVERNMENT FLOWERS.

According to the Washington Mirror, the government has gone into the business of giving away flowers as well as seeds. The following appeared in the Mirror of Jan. 26 last:

Col. Theodore A. Bingham, in charge of the public buildings and grounds, should be a very popular man, and the florists of Washington have good cause to know the reason why. The hothouses of the government supply the houses of cabinet ministers, senators, representatives and many other favored people without authority of law, and entirely at the good pleasure of the amiable Colonel Bingham. Baskets of the rarest flowers, bearing the gallant colonel's private card, are sent to grace the dinner tables, the receptions, the weddings, and even the funerals, of his favored friends. And the kind, good, easy-going American people pay the bill. Nobody kicks but the florists, whose business is seriously damaged by this infamous government competition, unauthorized by the government itself.

Last year there was not money enough to cut the grass in the Smithsonian institution and other parks. Why? Because it had all gone to pay for hothouse plants and flowers. When the grass was waist high, outsiders were allowed to come in and cut it as feed for their horses. Further, the reservations and circles are not properly kept up. Instead of being in model order and glorious with color almost the whole year round, they look woebegone, neglected and sadly in need of the gardener's care a good many months in the year. Congress appropriates the money for this purpose all right, but much of it is diverted, I am told, to the hothouse and cut-flower department which is so popular with Colonel Bingham.

The hot houses are intended for the raising of suitable plants and flowers for the parks and reservations of the national capital, and, as I understand it, for no other purpose. No cabinet officer, senator, congressman or government employee has a right to receive or give the products any more than you or I have a right to steal a plant or flower from Thomas Circle. If we did, one of Major Sylvester's myrmidons would promptly find out the reason why. It is true that cut flowers are sent to the White House from Colonel Bingham's hot houses other than those at the White House itself. I consider that to be entirely proper, but when every friend of the superintendent's can secure a supply free of cost, it is time to call a halt.

I am told that even the fashionable churches are frequently decorated by the very charming kindness of Colonel Bingham, and, in such cases, should certainly be remembered in the prayers of the day. I have before me a mass of evidence on the subject, which I hope to take up again next week. There is absolutely no excuse in the statement that if the cut flowers were not given away they would rot. If so, why raise so many? Why, as is the case, go on building greenhouses? Or else give the surplus to the poor, and not to those who can well afford to purchase flowers.

Des Moines, Ia.—Seedsmen and farmers of the central part of the state have formed the Iowa Seed Corn Growers' Association, the officers of which are: President, John E. Brown, of Mitchellville; vice-president, D. K. Nims, of Emerson; secretary and treasurer, N. E. Harris, Des Moines. The object of the association is to promote the corn raising industry, so as to get the best varieties of seed corn raised and distributed among the farmers.

San Francisco, Cal.—The Women's Agricultural and Horticultural Union of California, organized in this city during the recent meeting of the State Fruit-Growers' Convention, has chosen officers as follows: President, Mrs. M. E. Sherman, of Fresno; first vice-president, Mrs. E. Shields, of Sacramento; secretary, Mrs. Emma Shafter Howard, of Oakland.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By an experienced man used to general greenhouse work; capable of taking charge of section; life experience; married; age 33; best reference. Address J Clnt McPheron, Carrollton, Ill.

GROFF'S GLADIOLUS HYBRIDS

which secured this award are offered in two sections:

The first section is composed of introductions of 1897, 1898 and 1899. The second is composed of MORE RECENT AND RARE CREATIONS of this celebrated hybridist. I offer none from seed previously disseminated.

I have arranged with Mr. H. H. Groff for the sale of his products in the United States and invite orders from the most critical.

Catalogue and further particulars sent on application.

ARTHUR COWEE, MEADOWVALE FARM, **Berlin, N. Y.**

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SITUATION WANTED—Florist and gardener, English, four years in America, desires situation; A1 grower of cut flowers and plants; experienced in floral designs and landscape gardening; good references. Address Florist, care of M. H. Smith, Lone Star, Fresno Co., Cal.

SITUATION WANTED—By a boy, 16, as apprentice in large place, private or commercial, to learn the trade. Ambitious, intelligent and of good character. Address Apprentice, care of Gaffney, 632 Sixth Avenue, New York.

WANTED—By strictly sober, industrious, single young man, position as assistant foreman in large house. Some practical experience in work. Place in New York State preferred but not required. References furnished. Chas. Walker, Bliss, N. Y.

WANTED—A young man with some experience in greenhouse work. Address with reference. P. L. Larson, Florist, Ft. Dodge, Iowa.

SITUATION WANTED—The undersigned will be open March 1st for a position as grower of violets, carnations, mums and roses, or as plantsman; am an expert at the propagating bench and first class as a designer and all-around man; first class manager or foreman; will only accept a place that is first class and modern; references exchanged. Hustler, care Florists' Review.

SITUATION WANTED. By all-around foreman, married man. Address 20, care Florists' Review.

SITUATION WANTED—By up-to-date grower of cut flowers, bedding plants and vegetables; also good landscape gardener and designer; best references; Illinois and Missouri preferred. Address Gardener, Box 225, Elkins, W. Va.

SITUATION WANTED—By a thoroughly first class up-to-date designer, decorator and salesman in a large city; best of references. Address Decorator, care Florists' Review.

FOR SALE—Greenhouse property, over 6000 feet of glass, well stocked with roses, carnations, bedding plants, cut flower trade established; town of 5000, near Cincinnati. Sell at a bargain. Address Flora Co., care Florists' Review.

FOR SALE—Lease of greenhouses—6,000 square feet of glass—and stock; all in good condition; within 12 miles of Chicago. Address E. B. C., care Florists' Review.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

FOR SALE—Greenhouse property, 1,000 ft. of glass, well stocked with Carnations, Smilax, Lilies, Primroses, Cinerarias and all kind of bedding plant; in the best shape; 1 acre land, good residence, 23,000 population, in center of Wisconsin. Owner wants to go out of business on account of ill health. Address Wisconsin, care Florists' Review.

WIRE DESIGN WORKER WANTED.
Address KLEEMAN, TROTTER & CO.,
1327 Main St., Kansas City, Mo.

FOR SALE. Greenhouse plant of 6 houses in Jersey City, well stocked and in full operation. Address JOHN MORRELL, 82 Madison Av., Jersey City, N.J.

FOR SALE.

4 ft. by 12 ft. horizontal steam or hot water tubular boiler; has 34 3-inch nearly new tubes 12-inch Ericsson hot air pump, 1¼-inch discharge. 10 h. p. Harrison steam boiler, 2,200 feet 4 inch cast iron pipe (8c per ft.), elbows, tees, etc.
C. & G. L. PENNOCK, Lansdowne, Pa.

FOR SALE. A first class opportunity to buy a well established business—12 houses—about 18,000 sq. ft. of glass, two-thirds new, well stocked with decorative and flowering plants, in city of 60,000 inhabitants. For full particulars, address
T. BERST, Floral Store, No 11 W. 8th St., ERIE, PA.
Mention The Review when you write.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.
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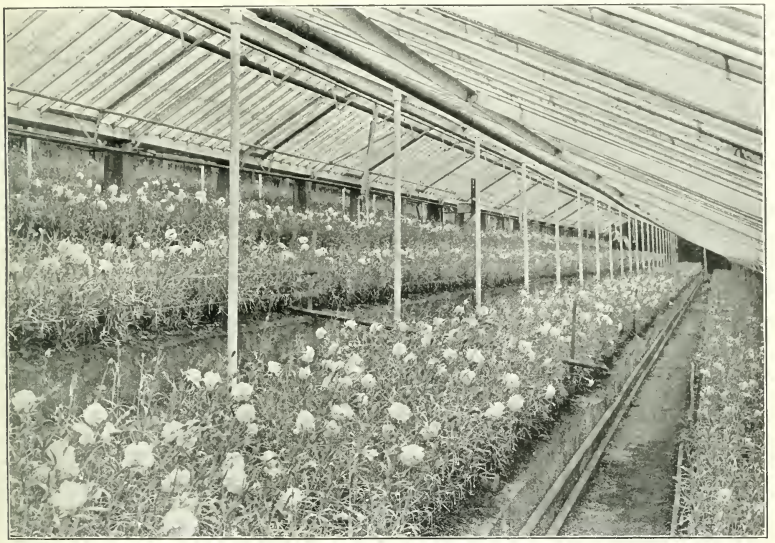
QUEEN LOUISE CARNATION.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.
IT BLOOMS EARLY. IT BLOOMS LATE.
IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings ready Feb. 15th. Price $10.00 per hundred; $75.00 per thousand.



Christmas Crop of Queen Louise, taken December 22, 1900.

Come and see it or send for circular. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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FANCY

DAGGER

HARDY CUT FERNS

Following prices after February 1st.

	Per 1,000		Per 1,000
In 1,000 lots...	**$1.25**	In 10,000 lots...	**$1 10**
In 5 000 lots...	**1.20**	In 25,000 lots....	**1 00**

L. B. BRAGUE, - - HINSDALE, MASS.

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ONE DOLLAR FIFTY PER 1000 FOR

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GALAX LEAVES, Delivered NOW FREE

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. **Fifty** leaves mailed for **Ten** Cents.

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ENGLISH IVY...

GEO. A. KUHL, Pekin, Ill.,

has a fine lot in 2½, 3 and 4-inch. Write him for prices. Also

Rooted Cuttings Coleus

Those fine bedders—Verschaffelti, Golden Bedder, Yellow Queen and Mixed.

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INDIANAPOLIS, IND.

Trade has been very good all round lately, and good stock of all kinds has found ready sale at fair prices. A great deal of cloudy weather lately has kept the supply from getting ahead of the demand; and even the poorer grades have been used up well in funeral work, of which there has been a good deal on account of the heavy death rate in this city in January and the first week in February. The grip seems to have had a grip on nearly everybody and many were gripped a little too tightly.

Florists' Meeting at E. A. Nelson's.

The State Society of Indiana Florists met Feb. 5 at E. A. Nelson's place and a large attendance was brought out, for two reasons: viz., the making out of a premium list for the fall show and the promise of Mr. Nelson of a good time. The premiums this fall are to be liberal and figure up to about $1,100.00, and they alone ought to bring some fine stock to the show. Everybody seems determined that this shall be a successful show and if this spirit is kept up it certainly will be. Mr. C. F. McVey was elected to membership.

At 10:30 Mr. Nelson took us over to the house and filled us up in good shape, but as good as the refreshments were, a vase of Bridesmaid roses and two vases of his pink seedling carnation, named in honor of his estimable wife, were better. It is a seedling from Armazindy crossed with Scott, and is best described as a giant Scott. The growth is as strong as Armazindy, but more upright, and before we departed he gave us each a bloom.

Mr. A. Wiegand, who had shortly returned from Cuba, was called on for a speech. He thinks Cuba would make a good palm growing country if white men lived there, but now, he said, we should remember that we are living in God's country and stay away from Cuba.

Messrs E. G. Hill and J. A. Evans, from Richmond, and President J. A. E. Haugh, from Anderson, were present.

A. B.

Little Rock, Ark.—At the recent annual meeting of the Arkansas State Horticultural Society an interesting lot of papers were read and it was decided to ask the state legislature for a $2,000 appropriation. Officers for the ensuing year were elected as follows: Pres., John P. Logan, Siloam Springs; Vice-Pres., S. H. Nowlin, Little Rock; Sec'y, W. K. Tipton, Little Rock; Treas., Job Vestal, Little Rock.

Des Moines, Iowa.—Frank E. Pease has bought the seed farm and business of F. S. White and will continue the business under the name of the Pease Greenhouse and Nursery Co. Temporary headquarters have been established at 310 Locust street. A catalogue will be issued at once.

Kalispell, Mont.—The Montana State Horticultural Society will hold its first state gathering here this month.

Orange, Cal.—W. W. Perkins, the florist, recently shipped a car load of rose plants to New York. The car contained 48,000 plants.

Morris, Ill.—The Morris Floral Co. has shipped since Dec. 1st, 263,500 rooted cuttings and pips of carnations.

Atlanta, Ga.—Charles Wachendorff was married Jan. 16.

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Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz, $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

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GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** al Wholesale.

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6-inch pots, 18 inches above pot, **$1 00** each.
7-inch pots, 20 inches above pot, **1.50** "

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Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R. "

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Beauty, in 3-inch, large and strong.. $2.00 per 100.
Lorillard, in 2½-inch ..... 2.00 "
Lorillard, transplanted plants..... .50 "
Lettuce, Silverball, 15c per 100; $1.25 per 1000.
Cabbage Plants, Wakefield, ready March 1st.

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WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$6.00 to	$8.00 per 100
Good " "	5.00 to	6.00 "
Perles	4.00 to	5.00 "
Meteors	6.00 to	8.00 "
Roses, our selection		4.00 "
American Beauties—		
Long	5.00 to	6.00 per doz.
Medium	3.00 to	4.00 "
Short	1.25 to	2.00 "
Callas and Harrisii	1.50 to	2.00 "

Carnations, fancy	$3.00 to	$4.00 per 100
" fine	1.50 to	2.00 "
" our selection	1.25	"
Smilax	1.50 to	2.00 per doz.
Ferns, Adiantum	1.00 to	1.25 per 100
" Common	1.50 to	2.00 per 1000
Galax Leaves		1.50 "
Lily of the Valley	3.00 to	5.00 per 100
Roman Hyacinths	3.00 to	3.50 "
Violets	.40 to	1.00 "
Paper White	2.00 to	3.00 "
Asparagus		60c per string
Leucothoe Sprays		75c per 100
Tulips	$1.00 to	$3.00 per 100
Daffodils	3.00 to	4.00 "
Freesia	3.00 to	4.00 "

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

ROOTED CUTTINGS AND POT PLANTS.

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.80
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Fuchsia, 8 varieties	1.50
" Sunray	2.00
Fuchsia, Trailing Queen	$2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.00
Ivy Kenilworth	1.00
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pelargonium, Mixed	3.00
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.50
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var	1.25

GERANIUMS.	Per 100
Best bedding varieties	$2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought and Mme. Bruant	2.00
P. Crozy, one of the finest, scarlet bedders	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, mixed	1.50
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00

New Set of 20, post paid, $1.00

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12 50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Varigated, 2½-in.	4.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	4.00
Coleus, 2-in	3.00
Cineraria, 2¼-in	3.00
Daisy Snowcrest, 2¼-in	4.00
" " 3-in	6.00
Fuchsia, Tr'ng Queen, 2¼-in	$4.00
Forget-Me-Not, 2½-in	3.00
Geraniums — Bronze, Silver Leaf, Freak of Nature, etc., 2½-in	4.00
Mrs. Parker, 2½-in	6.00
Common Named, 2½-in	3.50
L'Elegant (Var. Ivy) 2-in.	6.00
Hydrangea, P. & W. 3-in	6.00
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var, 2¼-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	5.00
" " 4-in	10.00

Terms Cash or C. O. D.

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Perle Roses

We have a large stock of **Fine Perles** in 2, 2½ and 3-inch pots. We need room and will make special prices to move them. All orders filled in rotation. Write for prices on large or small lots.

Have over 10,000.

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Young Palms for Growing On

Sizes and varieties offered below are probably the cleanest, thriftiest and best valued plants we have ever offered; all are in condition for immediate potting on, and will prove a paying investment to anyone having room to handle same.

ARECA LUTESCENS

	Per doz	Per 100.	Per 1000.
4 inch pots, 2 plants in a pot, 15 inches high,	$3.00	$25.00	$200.00
5 " 3 and 4 " " 18 to 24 "	5.00	40.00	350.00

KENTIA BELMOREANA

2½-inch pots, 3 to 4 leaves, 8 inches high,	$1 50	$12.00	$100.00
3 " 5 leaves, 10 to 12 "	3.00	25.00	200.00

KENTIA FORSTERIANA

2½ inch pots, 4 leaves, 8 to 10 inches high,	$1 50	$12.00	$100.00
3 " 4 to 5 leaves, 10 to 12 "	2.50	20.00	180.00
4 " 4 to 5 leaves, 15 "	4.50	35.00	300.00

LATANIA BORBONICA

Nicely characterized, stocky, perfect plants, of exceptional good value.

3-inch pots, 5 to 6 leaves, 10 to 12 inches high..... $1 00 per doz; $8.00 per 100; $75.00 per 1000.
4-inch pots, 6 to 7 leaves, 12 to 15 inches high..... 2 50 " 20.00 " 150.00 "

PTYCHOSPERMA ALEXANDREA

5-inch pots, 5 to 6 leaves, 20 to 24 inches high, $3.00 per doz.; $25.00 per 100.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA.

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LOUISVILLE, KY.

Various Notes.

Trade during January has been very good, with plenty of funeral work. Roses are a very scarce article here on account of so much cloudy weather. The carnations that are coming in now are fine.

Jos. Coenen's little child is very ill with pneumonia.

T. B. Rudy, who has been confined to his bed with la grippe, is much improved and able to be about again.

Jacob Schulz, or "Grandpa," as the boys call him, will astonish some of the florists with his house of new seedling carnations when the time comes.

Wm. Mann's place is in fine condition. His Calla lilies and carnations are bringing a fine crop.

C. H. Kunzman, "the King of the Triumph Carnation," has all the funeral work he can attend to.

Hy Fuch's house of Brides and Maids is very fine.

A. Heitz is building four new houses on his new place, just opposite St. Louis cemetery.

Anders Rasmussen's place at New Albany, Ind., the home of the new carnation "Hoosier Maid," is a sight worth going to see. A house eighty feet long is just now in its beauty. The growth is vigorous, has a good stiff stem and the color is a pure white. It is a sport of Daybreak and a fine thing for cut flower work.

There will be lots of rebuilding of greenhouses here this season.

Hy Lichtefeld.

Beardstown, Ill.—Frank Bros., who recently purchased the greenhouse property of F. Burtenshaw (who succeeded W. Druce Co.), are now the only florists here and all mail matter should be addressed to them.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

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NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart; perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

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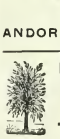

Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

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PANSIES

WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 GOOD PANSY PLANTS.

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Hardy Pinks

Six varieties. Rooted cuttings $1.25 per 100, postpaid; $10.00 per 1000, express

Aquilegia Chrysantha, 2-in. pots, $2.00 per 100
Primula Veris, 2-in. pots $2.00 per 100.
Also field-grown Hardy Herbaceous Plants.
CASH WITH ORDER, PLEASE.

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ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1,000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Petunias, dbl., $1.25 per 100, $10.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Begonias, 2½-in., assorted, $3.00 per 100. Express prepaid on all rooted cuttings. Cash with orders. Write

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Pure Raw Bone Flour and Hardwood Ashes for sale.

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We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
MAROON.		
Gen. Maceo	2.00	15.00

RED.	Per 100	Per 1000
G. H. Crane	$3.00	$25.00
America	3.00	25.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

...BASSETT & WASHBURN

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GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Brianti, Heterantha, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties X X strong, 2½-in., $2.50 per 100.

VERBENAS SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2 in. and 2¼ in., strong healthy plants, grees as grass, full of cuttings, $1.50 per 100; $12.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100, $7.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz., $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $3.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000. Alternantheras, red and yellow, 60c per 100; $5.00 per 1000.

Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet white, 60c per 100; $5.00 per 1000.

Heliotropes, 10 best varieties, all named, 7c per 100; $5.00 per 1000

Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.

Verbena plants, 5 ooo, full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000.

Heliotrope, 2½-in., strong, fine plants, $3.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it have you money. Write for prices on larger lots. Special low express rates to all parts. THAT CASH, PLEASE.

C. HUMFELD, - Clay Center, Kansas.

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ELECTROTYPE CUTS of Vegetables and Flowers. For complete catalogues, magazine illustrations, etc. Several thousand colored plates (original) of Pansies, Nasturtiums and Tulips, for catalogues. Very cheap. If interested, address **Lock Box 113, Ellenville, N. Y.**

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. Leopold Ine	$5.00	$60.00
Guardian Angel	6.00	50.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prodfica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00

	100	1000
Crocker	$4.00	$35.00
Peru	3.00	25.00
Crane	3.00	25.00
Chicago (Red Bradt)	3.00	25.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.50	12.50
John Young	1.50	12.50
Argyle	1.50	12.50
Evanston	1.50	12.50

	100	1000
Frances Joost	$1.25	$10.00
Perfect Queen	1.25	10.00
Edna Crane	1.25	10.00
Gov. Griggs	1.25	10.00
Melba	1.25	10.00
Daybreak	1.25	10.00
Armazindy	1.25	10.00
White Cloud	1.25	10.00
Hill	1.00	9.00
Mcgowan	1.00	7.50
Evellina	1.00	7.50

ROOTED ROSE CUTTINGS.

	100	1000
Bridesmaid	$1.50	$12.50
Bride	1.50	12.50
Golden Gate	$1.50	$12.50
Meteor	1.50	12.50
Perle	$1.50	$12.50

ROSE PLANTS from 2½-inch pots.

	100	1000
Liberty	$12.00	$100.00
Bridesmaid	3.00	25.00
Bride	3.00	25.00
Meteor	3.00	25.00
Perle	$3.00 per 100; $25.00 per 1000.	
Golden Gate	$3.50	$30.00
Kaiserin	3.00	25.00

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

ARE YOU interested in any of the following CARNATIONS in 2-inch pots

Mrs. Bradt, Ethel Crocker, McGowan, Scott.

Write **GEO. A. KUHL, Pekin, Ill.**

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred $90.00 per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., **$2.00** per 100; 2nd size, 3 to 6 in. in circ., **$1.00** per 100. Small Roots or Sets, **50c** per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Rooted Cuttings.

CARNATIONS.

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded upon return of plants if not satisfactory.

		100	1000
SPORT	Pink Armazindy	$3.00	$40.00
	Triumph, Flora Hill	1.50	12.50
	White Cloud, Evanston	1.50	12.50
	Armazindy, Portia	1.00	7.50

	100	1000
Wm. Scott	$1.00	$7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

ROSES { Goldea Gate, Meteor, Bride, Bridesmaid ..... 100 $1.50, 1.50, 1.50 — 1000 $12.50, 12.50, 12.50; Perle ..... 2.50 — 20.00

These cuttings are up to the well-known standard of those sent out by us in previous seasons.

J. A. BUDLONG, 37-39 Randolph St. CHICAGO, ILL.

Mention The Review when you write.

PORTCHESTER, N. Y.

The annual dinner of the Westchester County Gardeners' Association, which was given at Portchester on Feb. 6, was as usual a most enjoyable affair. Some forty members and their guests sat down to partake of the good things provided, and when cigars, coffee and the other things appeared, the president, Robt. Mallory, opened the flood-gates of oratory. He, on behalf of the society, heartily welcomed the guests, and said they all appreciated the attendance of so many from a distance on such a bad night. He introduced William Smith as toastmaster, and Messrs. Smith, Martin, Scott and Cockburn, representing the Tarrytown Horticultural Society, were each called upon to speak, which they did in complimentary strains mingled with bantering remarks, that though the members of that society had visited Tarrytown last November and succeeded in capturing some of the most coveted prizes, the Tarrytown boys were determined to visit Portchester at the next show held there and retaliate.

Messrs. Carroll Elliott, Leonard Barron and J. I. Dordan were present from New York city. Mr. Elliott paid a glowing tribute to the quality of Portchester coffee. Mr. Barron, speaking for the American Rose Society, urged those present to do all in their power to make the exhibition at the Waldorf-Astoria in March a great success. Mr. Barron's efforts will, no doubt, result in much from that district for the show.

William Anderson, John Shore and many others made addresses touching upon the topics and duties of the hour. Mr. Shore referring to the craze for size and gaudy effects which controlled almost everything horticultural today, lamented the fact that many gems were ignored and too seldom seen; he hoped to see the day when all that was truly beautiful will be appreciated. Private gardeners could do much to bring about this desirable change. The society hopes to hold an exhibition in Portchester next November. J. I. D.

A copy of the American Florist Company's directory of florists, nurserymen and seedsmen for 1901 has reached us. It contains in addition to the corrected lists of names and addresses a good deal of other useful reference matter, making a total of 397 pages. It is published by the American Florist Co., 324 Dearborn street, Chicago, and the price is $2.00.

Bristol, Tenn.—Fire destroyed the greenhouse of Dr. J. M. King, Feb. 3. Loss $600.

Newport, R. I.—H. J. Hess has opened a store on Thames street.

50,000 Carnation Rooted Cuttings

READY TO SHIP.

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeRoo Mitting, white, hne, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 1901	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 1901	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Prolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Avondale (Hill) 1901		4.00	30.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

	Per 100
Mrs. Thos. W. Lawson, cerise pink	$4.75
Olympia, variegated	4.00
The Marquis	4.00
Glacier	1.50
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Mrs. G. M. Bradt, variegated	2.00
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Melba, light pink	1.25

All Rooted Cuttings subject to your approval on arrival. If not accepted return at once and we will refund your money by return mail. We pack in cut flower boxes, rain or shine, hot or cold.

We lost only 17 carnation plants in planting this season from stem rot. Our carnations never looked finer and they are free from any disease, thanks to our moisture gauges.

We Root 10,000 Carnations a Week.

...PLANTS...

	Per 100
True Boston Fern, 3½-in	$5.00
True Boston Fern, extra strong, 2½-in	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2½-in	1.50
10,000 Cigar plants, 2½-in	1.50
10,000 M. Louise Violets, 2½-in., in bud	1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss, for baskets, 2½-in	1.50

25 Plants at 100 rate. Cash or C. O. D.

	Per 100
5,000 Jerusalem Cherries, 2½-in	$1.50
5,000 Mix Begonias	1.50
Smilax, from flats	.25
Salvia Clara Bedman, 2½-in	1.50
Fresines, red, 2½-in	1.50
New Geraniums, DeKoo Mitting, with yellow leaves and double scarlet bloom, 25c each	20.00

CARNATION SIDE PIPS.

Morning Glory	per 100,	$1.75	
Gen. Maceo	"	1.00	
America	"	1.00	
Glacier	"	.75	
Mary Wood	per 100,	$ .75	
Gold Nugget	"	1.00	
White Cloud	"	.75	
Evelina	"	.75	

THE MORRIS FLORAL CO. Morris, Ill.

Mention The Review when you write.

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,

CORFU, Genesee Co., N. Y.

Mention The Review when you write.

MRS. F. JOOST

The most profitable of all the standard Pink Carnations.

It will pay you to plant this instead of Scott.

Strong Healthy Cuttings, well rooted, $1.50 per 100, $12.00 per 1000.

See our ad. in last Review for other varieties.

CASH WITH ORDER PLEASE.

BAUR & SMITH,

38th St. and Senate Av., Indianapolis, Ind.

Mention The Review when you write.

SAY, READ THIS.

Going at mere nothing—25,000 A No. 1 R. C. of Ethel Crocker at $2.50 per 100; $23.00 per 1000, until sold. All orders amounting to $10.00 or over Express paid to any part of U. S. Have all 1900 Novelties and Standard varieties.

Dana R. Herron, Olean, N. Y.

Mention The Review when you write.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

Sunbeam: Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems ..... Per doz. $1.50, Per 100 $10, Per 1000 $75

Bon Homme Richard: White, exceptionally free bloomer; fine form, good size. Stems 2½ to 3 feet long... $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground; Quick seller, extremely free bloomer, fine form and stem..... $1.50 $10 $75

Prolifica: Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer..... $1.50 $10 $75

First lot of the above four varieties READY NOW.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

	100	1000
Mrs. Thos. W. Lawson, cerise pink	$9.00	$80.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00
Evanston	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Eveliua	1.00	8.00
L. McGowan	1.00	7.50
Mrs. L. Ine	7.00	60.00

100	1000
Guardian Angel.. $5.00	$40.00
Fera 4.00	35.00
Triumph 1.50	12.50
Cerise Queen.... 1.50	12.50
Edna Craig..... 1.50	12.50

ROOTED CUTTINGS NOW READY.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation..	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt.	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $5.00 per 100; $50.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $3.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

SPECIAL SALE.

	Per 100.
Alternanthera, yellow $1.50; red,	$1.75
Geraniums, my selection, 2½-in. pots	2.50
Coleus Mix—Blue Ageratum, 2-in. pots	1.50
Asparagus Sprengeri, 2-in. pots	1.75
Vinca Harrison Vine, 2-in. pots	2.00
100 Asparagus Plumosus, 2-in. pots	2.50
Verbenas, 2-in. pots	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

Norway

The Queen of Commercial White Carnations.

The modern idea of a commercial variety combines large size with free rapid growth and productiveness, a fine keeper and shipper. It gives us pleasure to offer the white we have all been looking for. A distinct feature is that the flowers are remarkably uniform in size, 3 to 3½ inches in diameter. It is selling rapidly.

Place your order at once.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

Egypt

A Rich Warm Scarlet Crimson.

A distinct departure from all other crimsons. It has modern commercial stems, long and strong; exquisite spicy odor, beautiful rich glowing color; these are its most distinct features. The flower is large and well formed, 2⅞ to 3½ inches in diameter. Can be had in good flower by November 1st to 15th. It is a continuous and free bloomer.

Price of the above two varieties, $1.50 per doz., $10 per 100, $75 per 1000.

Genevieve Lord

The only pink carnation which can claim the proud distinction of having supersided the hitherto invincible William Scott. Genevieve Lord is not only equal to Scott in its palmiest days, but is far superior to that variety in every way. It commands a price that was never obtained for the best Scotts which ever grew. Such a carnation is produced only once in a great while. Place your order early. **$5 per 100, $40 per 1000.**

WE CAN ALSO FURNISH

PROSPERITY, ROOSEVELT, LORNA and all other 1901 novelties.

Also LAWSON, MARQUIS, CROCKER, ESTELLE, OLYMPIA and other new and standard varieties.

CHRYSANTHEMUM TIMOTHY EATON We have a large stock of it. 50 cents each, $30.00 per 100.

Also all of the best new and standard varieties. An excellent list of the very best varieties. Send for complete catalogue.

H. WEBER & SONS, OAKLAND, MD.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

CARNATIONS.

Extra Fine Plants from 2½-in. pots.

	Per 100	Per 1000
Ethel Crocker	$5.00	$40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. James Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm Scott	1.75	15.00

Rooted Cuttings 15 per cent less.

CASH WITH ORDER.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

MONEY MAKING.....CARNATIONS.

Eleven varieties of 1900. Sixteen older standard sorts. Send for complete price list.

GEO. HANCOCK & SON, Grand Haven, Mich.

PALMS...

and BOSTONS

WALTER RETZER & CO.

2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHA.

Acalypha Sanderii and triumphans, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum. Blue, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, red and green and green and yellow, rooted cuttings, 60c per 100. N. O. Caswell, Delavan, Ill.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var. 2¼-in., $4.00, rooted cuttings, $1.20 per 100. Alyssum Dbl. Giant, rooted cuttings, $1.00 per 100.
Greene & Underhill, Watertown, N. Y.

Alyssum, dbl. Giant, 2¼-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft...	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

ANTHEMIS.

Anthemis coronaria, fine rooted cuttings, $2 per 100, by mail.
S. W. Pike, St. Charles, Ill.

ANTHERICUM.

Anthericums, 2¼-in., $4.00; 3-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

Anthericum, good stout plants, 85c per doz. Mrs. M. E. Patterson, Glendale, Cal.

ANTIRRHINUM.

Antirrhinum, large white, rooted cuttings, 60c per 100. N. O. Caswell, Delavan, Ill.

ASPARAGUS.

Plumosus Nanus, 2½ inch pots.....	$ 6.00	per 100
3 inch pots..........................	6.00	"
4 inch pots..........................	12.00	"
Sprengeri, 2½ inch pots............	3.00	"
3 inch pots..........................	5.00	"
4 inch pots..........................	8.00	"

The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus and Sprengeri, out of 3-in. pots, strong plants, ready for shift, at $5.00 and $6.00 per 100. Also 1,000 Boston Ferns, A No. 1 stock, out of 2½-in. pots, at $4.00 per 100. Cash. George Just, Jacksonville, Fla.

Asparagus plumosus nanus, 3-in. pots, $5.00 per 100; 4-in. fine plants ready for shift, $12.00 per 100. Seed, new crop, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus seed fresh from our own vines. 100 seeds 85c, 500 seeds $4.00, 1,000 to 5,000 at $7.00 per 1,000, 10,000 seeds $60.00, 15,000 seeds $86.00. Cash with order.
L. Ullrich, Tiffin, Ohio.

A. Sprengeri, 3-in., 15 to 25 growths; extra fine stock $4.00 per 100. Must have room. Extras added to help cover express. Satisfaction guaranteed. J. A. Fries, Bethlehem, Pa.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $3.50 per 100; $30.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Burgevin, Portchester, N. Y.

Sprengeri, 2-in., $1.50 per 100; 2½-in., $2.00 per 100. M. J. Coventry, Ft. Scott, Kans.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 per 100. Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azaleas, always in bloom, 50c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please. A. SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds, 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azaleas, 12-in. heads, best varieties, $4.00 per doz. Good & Reese Co., Springfield, Ohio.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Catalogue of all the new begonias free upon application. N. Smith & Son, Adrian, Mich.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

Begonias, 2½-in. assorted, $3.00 per 100.
S. D. Brant, Clay Center, Kan.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 6c. Cash, please. R. G. Hanford, Norwalk, Conn.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

BOXWOOD TREES.

We have 1000 specimens on hand. Pyramids, perfect shape, from $1.00 to $4.00 each. Standards, from $1.50 to $5.00 each. Call and see them. Bobbink & Atkins, Rutherford, N. J.

BROWALLIA.

Browallia major, 3-inch, $4.00 per 100. Cash. J. G. Eisele, 20th and Ontario Sts., Phila., Pa.

BULBS.

Bulbs for spring and summer flowering. We have fine stock of the following bulbs. It is time that many of these were now being started for spring and summer sale. Tuberous-Rooted Begonias—We offer a grand stock of these; splendid strain, none finer to be had in Europe. Bulbs offered are large, first-class bulbs, not second size, as are often offered. We offer these in five separate colors, white, pink, scarlet, yellow and crimson. Single, $3 per 100; double, $4.00 per 100. Gloxinias—Finest strain of Hybrida Crassifolia Erecta Grandiflora. Unequaled in size and variety of coloring, embracing an unusual proportion of spotted, white, pink, and other choice colors. Bulbs are of large size. $4.00 per 100. Fancy-Leaved Caladiums—We offer a fine collection, choicest varieties, very distinct and very desirable, strong, dormant bulbs of large size. Tubers are of full size and undivided, and are strong and healthy, $12.00 per 100. Caladium Esculentum—Large bulbs, 6 to 9 inches in circumference, $3.00 per 100. Extra sized bulbs, 9 to 12 inches in circumference, $6.00 per 100. Tuberose Pearl—Extra quality bulbs, 4 to 6 inches in circumference, $1.00 per 100; $7.50 per 1,000. Cannas—Fine collection of the best standard sorts, all named varieties. Strong, dormant roots, $5.00 per 100. Dahlias—Cactus, large-flowering, Pompon, and Single. A grand assortment of varieties, all named. We can offer strong, dormant roots, our selection of sorts, for immediate delivery. $8.00 per 100. Japan Lilies—Lilium Auratum, 7 to 9 inches in circumference, $4.50 per 100. 9 to 11 inches in circumference, $7.00 per 100. Lilium Album, 7 to 9 inches in circumference, $5.00 per 100. 9 to 11 inches in circumference, $6.00 per 100. Lilium Rubrum, 7 to 9 inches in circumference, $4.50 per 100; 9 to 11 inches in circumference, $6.50 per 100. Lilium Melpomene, 7 to 9 inches in circumference, $5.50 per 100. Lily of the Valley—Extra quality three-year-old German pips, fine stock for Easter forcing, $10.00 per 1,000, $22.50 per case, 2,500 pips. F. R. Pierson Co., Tarrytown-on-Hudson, New York.

Begonias, Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1½-in., 12, 40c; 100, $2.50; 1½ to 2-in., 12, 50c; 100, $2.75.

	12	100
Begonias, double flowering, 1st size..	$0.75	$5.50
Begonias, double flowering, 2nd size..	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brazilian, named sorts, fine bulbs....	1.00	8.00
Mixed, choice sorts, 2d size........	1.00	7.00
Cyclamen Persicum, giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed.	.50	3.00
Gloxinias, separate colors	.60	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
Tuberose, ex. Pearl, 4 to 6-in., 100, 75c; 1,000, $6.
Tuberose, ex. Pearl, 3 to 4-in., 100, 50c; 1,000, $3.50.
H. H. Berger & Co., 47 Barclay st., New York.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

Tuberoses—Elegant dwarf pearl tuberose bulbs, No. 1, 4 to 6 inches, $3.00 per 1,000; No. 2, 3 to 4½ inches, $1.50 per 1,000, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
L. W. Boney, Wallace, N. C.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Caladium esculentum, 1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Calla lilies, blooming bulbs, 75c per doz.; $6.00 per 100. Tuberoses, first-class bulbs, 75c per 100; $6.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Tuberoses ready for delivery now. Dwarf pearl, large bulbs, $1 per 100, $7.50 per 1,000. Tall double, fine plump bulbs, $1 per 100, $8 per 1,000. W. W. Barnard & Co.,
161 Kinzie st., Chicago.

50,000 gloxinins, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Madeira vines, 10,000 at $5.00 and $10.00 per 1,000. Bulbs, 50c per 1,000. Belscher Bros., Canal Dover, Ohio.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Fort Royal, S. C.

CACTI.

Phyllocactus Ackermani, P. Hookeri, P. latifrons, P. speciosissimus, P. Wrayi, etc., $1.25 per doz. mixed; $7.00 per 100. Ep. Russellianum and Ep. lancatum, 50c per doz.; $2.50 per 100. Echeveria Californica, fine bedder, $2.00 per 100; rooted offsets, $1.25 per 100. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia japonica, 20 inches high; assorted colors, 50c each; $5.00 per doz. Good & Reese Co., Springfield, Ohio.

CANNAS.

Allemania, Aurora, Alsace, A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. Cleveland, Pres. McKinley, and Florence Vaughan at $3.00 per 100. Burbank, Paul Marquant, Egandale, Victor Hugo, Robusta and Grand Rouge at $2.50 per 100. Wm. Schlatter & Son, Springfield, Mass.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas. 50,000 dormant and started from sand; 50 best sorts; get our prices. Betscher Bros., Canal Dover, Ohio.

Cannas of the leading varieties well established in pots, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

12,000 Cannas Burbank. Dormant roots, $10.00 per 1,000 eyes. W. W. Dederick, Columbia City, Ind.

Cannas. Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

Our collection of novelties and standard varieties is complete. N. Smith & Son, Adrian, Mich.

10,000 cannas, strong roots. Prices on application. Geo. Just, Jacksonville, Fla.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	25.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	4.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00
Mrs. La Ine	5.00	60.00
Guardian Angel	6.00	50.00
Peru	4.00	25.00
Triumph	2.00	12.50
Cerise Queen	1.50	12.50
Edna Craig	1.50	12.50
Evanston	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Evelina	1.00	8.00
L. McGowan	1.00	7.50

Rooted cuttings now ready.
Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot of the above four varieties ready now.
CHICAGO CARNATION CO., JOLIET, ILL.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health are every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.50	20.00
Chicago (Red Bradt)	3.00	25.00
Gen. Gomez	2.00	15.00
Gen. Maceo	2.00	15.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. Ready to ship, A. Mitting, clear, light-cream, Mrs. A. Mitting, clear pink, De Roo Mitting, white, Sunbeam, Bon Homme Richard, Nydia, Prolifica, California Gold, Queen Louise, Irene, Lorna and Mermaid, all 1901 introductions, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

	100.
Mrs. Thos. W. Lawson, cerise pink	$4.75
Olympia, variegated	4.00
Genevieve Lord, light pink	4.00
Avondale, red	4.00
Ethel Crocker, light pink	3.00
Mrs. G. M. Bradt, variegated	2.00
America, scarlet	2.00
Peru, white	2.50
Gen. Maceo, dark red	1.50
Gen. Gomez, dark red	1.50
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.50
Argyle, pink	1.20
Melba, light pink	1.25
Glacier	1.50

All rooted cuttings subject to your approval upon arrival.

CARNATION SIDE PIPS.

	100.
Morning Glory	$1.75
Gen. Maceo	1.00
America	1.00
Glacier	.75
Mary Wood	.75
Gold Nugget	1.00
White Cloud	.75
Evelina	.75

MORRIS FLORAL CO., Morris, Ill.

CARNATION ROOTED CUTTINGS now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	5.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	2.00	25.00
America	2.00	25.00
Bradt	2.00	25.00
Pingree	3.00	25.00
Glacier	2.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Scott	1.50	12.00
Evelina	1.00	8.00

$250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show as to quality of our stock.

W. J. & M. S. VESEY, Fort Wayne, Ind.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	6.00	50.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	4.00	35.00
Peru	3.00	25.00
Crane	3.00	25.00
Chicago (Red Bradt)	3.00	25.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.50	12.50
John Young	1.50	12.50
Argyle	1.50	12.50
Evanston	1.50	12.50
Frances Joost	1.25	10.00
Cerise Queen	1.25	10.00
Edna Craig	1.25	10.00
Gov. Griggs	1.25	10.00
Melba	1.25	10.00
Daybreak	1.25	10.00
Armazindy	1.25	10.00
White Cloud	1.25	10.00
Hill	1.00	8.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

NORWAY. The biggest commercial white carnation ever introduced. A business-making, money-making carnation to every sense of the word. It combines large size, length and strength of stem, wonderfully vigorous growth and is a free and continuous bloomer.

EGYPT. Scarlet-crimson and the first really good dark carnation that can boast of first-class commercial stems and a rich, spicy odor. The best keeper of all dark varieties.

Price of the above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

GENEVIEVE LORD. The only pink carnation which can rightfully lay claim to having superseded Scott, and it commands a price beyond the reach of the best Scotts which ever grew. It is having a great second-year run. Ready now. Price: $5.00 per 100; $40.00 per 1,000.

Prosperity, Roosevelt, Irene, Queen Louise, Dorothy, Lorna, Mermaid and other new varieties at introducers' prices.

H. WEBER & SONS, Oakland, Md.

ROOTED CARNATION CUTTINGS. Healthy stock, well rooted.

	Per 100.
Mrs. Lawson	$7.00
Marquis	5.00
Ethel Crocker	4.00
Crane	3.00
Mrs. Geo. M. Bradt	3.00
Gen. Maceo	3.00
Frances Joost	2.00
White Cloud	2.00
Daybreak	1.50
Victor	1.50
New York	1.50
Scott	1.00
McGowan	1.00

Salvia Silverspot, $1.00 per doz.; 2½-in. pots, $5.00 per 100. Vincas variegated, from soil, ready for 2½-in. pots, $3.00 per 100. Fancy-leaved caladiums, best 10 varieties to name, $10.00 per 100. Cash with order please. A. Nelson, P. O. Box 1650, Paterson, N. J.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee it to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	25.00
Mrs. P. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	2.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	2.00	25.00
America	2.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

EASSETT & WASHBURN, Hinsdale, Ill.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS. Well-rooted cuttings from sand. Ready now.

	100.	1,000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
G. H. Crane		25.00
Red Bradt		25.00
Mrs. Geo. M. Bradt		20.00
Mrs. James Dean		12.50
Mrs. F. Joost		12.00
Triumph		12.00
White Cloud		12.50
Argyle		12.00
Flora Hill		12.00
Daybreak		10.00
McGowan		8.00

ANTON THEN, Station X, Ravenswood, Ill.

ROOTED CARNATION CUTTINGS.

Ethel Crocker	$4.00 per 100	$30.00 per 1,000
Mrs. Dean	2.00 "	15.00 "
Frances Joost	2.00 "	15.00 "
Wm. Scott	1.00 "	8.00 "
Rose Queen	1.00 "	8.00 "
G. H. Crane	3.00 "	25.00 "
Thos. Cartledge	1.00 "	8.00 "
White Cloud	2.00 "	15.00 "
Flora Hill	2.00 "	15.00 "
Lizzie McGowan	1.00 "	8.00 "
Eldorado	1.00 "	8.00 "
Kitty Clover	1.00 "	8.00 "

RAKESTRAW & PYLE, Willowdale Nurseries, Willowdale, Chester Co., Pa.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1,000. Mermaid, $6.00 per 100; $50.00 per 1,000. Roosevelt, $12.00 per 100; $100.00 per 1,000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1,000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1,000; Lawson, $7.00 per 100, $60.00 per 1,000; G. Lord, $6.00 per 100, $50.00 per 1,000. Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1,000.

We make a specialty of rooted cuttings. F. DORNER & SONS CO., LaFayette, Ind.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100	1,000
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	3.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
New York	1.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1,000.

Ethel Crocker, $3.00 per 100. McGowan Sport, $1.50 per 100; $10.00 per 1,000.

CHAS. BLACK, Hightstown, N. J.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

CARNATIONS. Extra fine plants from 2¼-inch pots.

	100	1,000
Ethel Crocker	$5.00	40.00
G. H. Crane	3.00	25.00
White Cloud	2.00	17.50
Flora Hill	2.00	17.50
Mrs. J. Dean	2.00	17.50
Triumph	2.50	20.00
Mayor Pingree	1.75	15.00
Wm. Scott	1.75	15.00

Rooted cuttings, 15 percent less. Cash with order. C. Akehurst & Son, White Marsh, Md.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Carnations. Extra strong rooted cuttings.

	Per 100.		Per 100.
Lawson	$5.50	Hill	$1.00
Crane	2.75	Scott	1.00
Bradt	2.50	Eldorado	1.00
Jubilee	1.50	Morello	1.00

Cash with order.
HY. ERNST & SON, Washington, Mo.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Carnations. Per 100.

	Per 100.
Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.

GOETHE—Fancy light pink, best seller, stock in splendid shape.

Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.

C. BESOLD, Mineola, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Flora Hill	$1.00	$8.00
Daybreak	1.00	8.00
Wm. Scott	.90	7.50
Genesee	.75	5.00

E. B. LEWIS, Lockport, N. Y.

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New chrysanthemum, Goldsmith. Cream yellow tinted with bronze, sport from Pres. W. R. Smith, fine large flowers, strong stem. Your collection of chrysanthemums cannot be complete without this new candidate. There is without doubt a commercial future before this sort. Exhibited at Cincinnati November 17 it scored 83 points. Price $2 per doz. Orders taken now and filled in March. H. L. Ragan, P. O. Box 166, Springfield, Ohio.

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400 cinerarias, from 3-in., ready for 4 or 4½ in.; semi-dwarf; fine for Easter; Barnard's gr. fl., at $2.50 per 100. Speak quick; need the room. B. F. Vandervate, Galena, Ill.

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Crotons, finest assortment, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

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Dahlias by the thousands. Get my list and then let me figure with you. Also cannas, gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Colo.

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Japan fern balls, one of the best Easter sellers. Start them now. We offer for February, 7-8 in., 40c each, $3.50 a doz., $27.00 a 100; 9-11 in., 65c each, $6.50 a doz. Fern wreaths, 1st size, 60c each, $5.00 a doz., $40.00 a 100; 2d size, 40c each, $4.00 a doz., $35.00 a 100. Address H. H. Berger & Co., 47 Barclay St., New York.

Increase your trade by using the Beverly fern dish. We use hundreds of them for the most exclusive Boston trade. Send for wholesale price list. North Shore Ferneries, Beverly, Mass.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

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Large clumps, 75c per 100; $5.00 per 1,000. J. C. Schmidt, Bristol, Pa.

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Nice thrifty young stock. Early dbl. White, Black Prince, Little Beauty, Marenga, 2-in., my selection, $3.00 per 100; rooted cuttings, $1.25 per 100. N. O. Caswell, Delavan, Ill.

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Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

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Twelve of the best varieties; good, strong rooted cuttings from sand, mixed, $1.00 per 100. Same from 2½-in. pots; also Swainsona alba galegifolia and Mme. Salleroi geraniums at $1.50 per 100. Paul Bruant, R. R. Gosselin, S. A. Nutt, La Favorite, 2½-in., $2.00 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

6,000 of the best up-to-date bedding varieties, 15 varieties in pink, red, white and salmon, 2½-in. $2.00 per 100, $18.00 per 1,000; 3-in. $3.00 per 100, $28.00 per 1,000. All good plants and ready to ship at once. Cash please. B. F. Vandervate, Galena, Ill.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
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Geraniums. 25,000 rooted cuttings of all the leading varieties, all strong top cuttings, ready for 2½-in. pots, $2.00 per 100, $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

A limited supply of A No. 1 plants, mostly double scarlet (John Doyle); from 3-in. pots, ready for 4-in., 50 per cent in bloom or bud. $3.00 per 100; 50 for $1.75. G. P. Moore, Ocean City, N. J.

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P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

New geranium De Roo Mitting, yellow leaves and double scarlet bloom, 25c each; $20.00 per 100. Morris Floral Co., Morris, Ill.

S. A. Nutt, Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. My selection, 2½-in. pots, $2.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums. Leading named varieties, 2½-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

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Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Fine mixed gladioli, 1½-in. and up, $6.00 per 1,000. Want to buy some small growing stock of fine quality bloom. Michigan Seed Co., South Haven, Mich.

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Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
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2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $40.00 per 1,000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1,000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. J. L. O'Quinn & Co., Raleigh, N. C.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

Six varieties hardy pinks, rooted cuttings, $1.25 per 100, postpaid, $10.00 per 1,000 by express. Aquilegia chryantha and Primula veris, 2-in., $2.00 per 100. Also field-grown hardy herbaceous plants. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

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Heliotrope, rooted cuttings, $1.25 per 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

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Hibiscus, 2½-in., 10 sorts, $2.50 per 100. Good & Reese Co., Springfield, Ohio.

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A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please. John Charlton & Sons, Rochester, N. Y.

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Rooted cuttings. German, $1.25; English, $1.50; Kenilworth, $1.00 per 100. Greene & Underhill, Watertown, N. Y.

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

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Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Lantanas, rooted cuttings, assorted, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Lily of the Valley from best European grower. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

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Frequent importations of best grade English mushroom spawn.
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Double yellow nasturtium. The finest nasturtium grown, especially adapted for vases and hanging baskets and unequaled as a cut flower where a beautiful yellow is wanted; also a few hundred double red nasturtiums. You should give them a trial. Price: $1.00 per doz. Cash with order. Geo. W. Fetzer, Allentown, Pa.

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Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
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Otaheite Oranges. Per 100: 2¼-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited.
Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

Palms for decorating and for immediata retailing.

AREGA LUTESCENS.

	Inch pots.	Inches high.	12.	100.
4 plants.........	6	18-20	$ 5.00	$40.00
3 planta.........	6	20	9.00	76.00
3 plants.........	6	24	12.00	100.00
3 plants.........	8	36	36.00	

KENTIA BELMOREANA.

	Inch pots.	Inches bigh.	Each.	12.
6 leaves.......	6	24	$1.25	$15.00
6-7 leaves.......	6	28	1.60	18.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Each.	12.
5-6 leaves.......	6	24-28	$ 1.00	$12.00
6 leaves.......	6	28-30	1.25	15.00
6 leaves.......	6	30-36	1.50	18.00
6-7 leaves.......	7	30-36	2.00	24.00
6-7 leaves.......	7	36-42	2.50	30.00
7 leaves.......	9	60	7.50	
6-7 leaves.......	12	72	10.00	
6-7 leaves.......	12	84-96	12.50	
6-7 leaves.......	12	84-96 h'vy	15.00	
6-7 leaves.......	12	96-108 h'vy	25.00	

LATANIA BORBONICA.

	Inch pots.	Inches high.	12.	100.
5-6 leaves.......	6	15-18	$6.00	$50.00
5-6 leaves.......	6	18-20	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pota, 30 inches high .... $1.50 each
8-inch pots, 36 inches high .... 2.50 each
9-inch pota, 42 inches high .... 3.00 each
10-inch pota, 48 inches high .... 4.00 each
HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

KENTIA BELMOREANA.
2½-inch pots........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves........$15.00 per 100
4-inch pots, 14 to 16 inches high.. 30.00 "
5-inch pots, 18 inches high....... 60.00 "
5 and 6 in. pots, 18 to 22 in. high.. 75.00 "
ARECA LUTESCENS.
2½-inch pots.........$6.00 per 100; $50.00 per 1,000
KENTIA FORSTERIANA.
2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high......... 15.00 "
4-inch pots, 15 to 18 inches high.... 35.00 "
5-inch pots, 18 to 22 inches high.... 50.00 "
5 and 6 in. pots, 24 to 28 in. high... 75.00 "
The Storrs & Harrison Co., Painesville, O.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Jos. Heacock, Wyncote, Pa., grower of palms. Write for price list.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Seedling Seaforthia robusta, $3.00 per 100.
F. R. Hills, Maywood, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Giant mixed of Bugnot, Cassier, Odier and Trimardeau strains. We are positive of having the finest pansies in the United States this year. Price, extra fine stocky plants, 60c per 100; $2.75 per 1,000. Extra large plants in bud and bloom, $1 per 100; $8 per 1,000. White potato onion sets, a grand novelty, $1 per peck; $3.50 per bushel. Cash with order. Hy. Ernst & Son, Washington, Mo.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

The very finest strains, in separate colors, $1.00 per 100. C. Eisele, 11th & Jefferson sts., Phila., Pa.

PELARGONIUMS.

PELARGONIUMS, in fine condition, out of 2-in. pots. Countess, Sandiford's Surprise and Wonder, $6.00 per 100. Mme. Thibaut, Mrs. R. Sandiford, Dorothy, Mme. Vibert, Lord Salisbury and others, $5.00 per 100. All free-blooming florist varieties; 100 in 10 varieties, named, at $5.00 per 100. Cash with order. ADOLPH STAHL, Johnstown, Pa.

Pelargoniums, mixed, rooted cuttings, $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PETUNIAS.

Petunias, dbl. fringed; 2-in. ready for 4-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

Rooted cuttings, double, $1.25 per 100; $10.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Petunias, rooted cuttings, mixed, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PRIMROSES.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Primula chinensis, 2-in., $3; 3-in., $4 per 100. Geo. M. Emmons, Newton, N. J.

Chinese, 2¼-in., $3.00 per 100. Greene & Underhill, Watertown, N. Y.

PRIVET.

5,000 1 to 2 ft. California Privet, $10 per 1,000, F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $10 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonvile. Mills the Florist, Jacksonville, Fla.

ROOTED CUTTINGS.

ROOTED CUTTINGS.

Let us send you a sample order to show you what good stock is, then you will want more.

Thos. W. Lawson, $6.00 per 100, $50.00 per 1,000.

Mammoth Verbenas, they are the best to be had, 60c per 100, $5.00 per 1,000, 5,000, $22.00.

Abutilon Savitzii, dozen, 30c; 100, $2.00.

Salvias, two new ones, Hobold and Yellow Bird, dozen, 20c; 100, $1.00, 1,000, $9.00.

Ageratum P. Pauline, dozen, 20c; 100, $1.00.

Impatiens Sultani, dozen, 25c; 100, $1.50.

Achyranthes, dozen, 15c; 100, $1.00.

Alternanthera, red and yellow, fine large plants from flats, dozen, 20c; 100, $1.00; 1,000, $9.00.

Smilax, from flats, per 100, 50c; 1,000, $4.00.

Lettuce Plants. Grand Rapids, best variety on earth, per 100, 25c; per 1,000, $2.00.

Heliotrope, three new ones that are fine purple and white, per dozen, 20c, per 100, $1.00; per 1,000, $9.00.

We prepay express charges and guarantee to please you. Try us once.

Send for price list. We can do you good.

S. T. Danley, Macomb, Ill.

ROOTED CUTTINGS.

	1,000.	100.
Coleus, mixed colors	$5.00	$0.50
Coleus, Golden Queen and Crimson Verschaffeltii	6.00	.60
Alternanthera, P. Major and A. Nana	5.00	.60
Vinca Variegated	9.00	1.00
Salvia Silverspot		1.50
Salvia Bedman		1.00
Ageratums, Louise Bonnett, Cope's Pet, White Cap, Princess Pauline		.50
Ageratum, Stella Gurney		1.50
Feverfew, Little Gem		1.00
Heliotropes, 12 varieties		1.00
Cuphea, Cigar Plant		.75
Sweet Alyssum		.75

If by mail add 5 cents per 100.

Geraniums, Nutt, Poitevine, Riccard, Grant and others, 2-in. pots	2.50
Ivy Geraniums, 12 varieties	3.00
Manettia Bicolor, 2-in. pots	2.00
Heliotrope, 12 varieties, 2-in. pots	2.00
Cannas, standard sorts	$1.50 to 2.50

Cash with order.

C. A. Harris & Co., Delanson, N. Y.

ROOTED CUTTINGS BY MAIL.

	Per 100.
Ageratums	$0.50
Fuchsias	1.00
Kenilworth Ivy	1.25
Lantanas	1.10
Salvia Splendens	1.00
Pileas	1.25

Cash with order.

Wm. H. Conner, 611-613 French St., Wilmington Del.

ROSES.

Our stock of Everblooming roses, all grown in 4-inch pots, is more extensive and finer than we have ever before offered our customers. All leading popular varieties for sale.

From open ground, we call your attention to our heavy blocks of Gen. Jacqueminot, 2 yrs., strong, own roots; also such valuable climbers as Yellow Rambler, Steigera, Dawson, Climbing Hermosa, Greville, Wichuraiana, etc., etc.

The new climber, Wm. C. Egan, can be supplied in strong one or two-year-old plants at reasonable rates. It is the best of Mr. Dawson's fine hybrids, and is in fact a climbing Malmaison, of the same form and color, and undeniably hardy.

To clear leased land, we offer shrubbery in elegant assortment, at low rates by the thousand. Hoopes Bro. & Thomas, Maple Ave. Nurseries, West Chester, Pa.

Two grand climbers. Climbing Kaiserin, white, $10.00 to $15.00 per 100; Climbing Wootton, red, $10.00 per 100. Field-grown, own roots, 2 to 3 ft. Plenty of other sorts, bush and climbers, hardy and tender.

The Howland Nursey Co., Los Angeles, Cal.

All the leading varieties—Teas, Hybrid Teas and Climbers from 2½-in. pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-in. pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c. Good & Reese Co., Springfield, Ohio.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.

R. H. MURPHEY & SON, Urbana, Ohio.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.50 per 100, $30.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

ROSES FOR SPRING PLANTING. Strong field-grown.

	Per 100.
American Beauty, select	$25.00
American Beauty	20.00
La France, select, fine	25.00
La France	20.00

Cash or satisfactory references.

ALEX. WALDBART, Hamilton Ave. and Horton Pl., St. Louis, Mo.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.

S. J. Reuter, Westerly, R. I.

MANETTI ROSE STOCKS. Just the right size for florists' work. Send for sample and price. Thomas Meehan & Sons, Germantown, Phila., Pa.

Roses. Nice, strong, bushy plants. Per 100: American Beauty, $5.00; Bride, Bridesmaid, Perle and La France, $4.00. Wm. Laisle, Keokuk, Iowa.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

10,000 Perle roses in 2, 2½ and 3-in. pots. Fine stock. Must have the room and will make prices to move them.

Geo. A. Kuhl, Pekin, Ill.

Field-grown American Beauties, 3 years old, $15 per 100; $125 per 1,000. Southern Floral Co., 922 Bryan st., Dallas, Tex.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Davis Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors, $1.50 per 100.

Bassett & Washburn, Hinsdale, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias. Rooted cuttings, per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa. Fine for hanging baskets, vases or pot plants, strong, $3.00 per 100, by mail. Mayer & Sons, Willow Street, Lancaster Co., Pa.

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SEEDS.

DREER'S Reliable Flower Seeds. The following is a short list of articles which should be sown early:

	Trade pkt.	Oz.
Ageratum, Blue Perfection, a fine blue sort	$ .25	$1.00
Ageratum, Cope's Pet, the dwarfest blue	.15	.35
Aster, Queen of the Market, white, pink or purple	.20	.75
Aster, Queen of the Market, finest mixed	.15	.50
Canna, large flowering dwarf, extra choice mixed, $1.25 per lb.		.10
Carnation, Marguerite, finest mixed	.20	.75
Centaurea, candidissima, per 1000 seeds, 25c		1.50
Centaurea, gymnocarpa, per 1000 seeds, 15c		.40
Cobaea scandens, purple	.10	.30
Cyclamen per. giganteum, finest mixed, per 100 seeds, 60c; per 1000 seeds, $5.00.		
Dracaena indivisa	.10	.30
Grevillea robusta	.15	.40
Heliotrope, Lemoine's Giant	.40	2.00
Lantana hybrida, mixed	.10	.20
Lobelia, Crystal Palace compacta, true	.30	1.50
Lobelia, gracilis, light blue, trailing	.15	.40
Lobelia, speciosa dark	.20	.60
Mignonette, Allen's Defiance, very large spikes	.15	.50
Mignonette, machet, true select stock	.15	.50
Musa ensete, fine germinating seed, per 100 seeds, $1.00; per 1000 seeds, $9.00.		
Petunia, Dreer's Superb Fringed, double, per 500 seeds, 75c; per 1000 seeds, $1.50.		
Petunia, Dreer's Superb Fringed, single	.50	
Phlox Drummondii grandiflora, finest mixed	.15	.50
Phlox Drummondii nana compacta, finest mixed	.30	1.50
Pyrethrum aureum (Golden Feather)	.10	.30
Salvia splendens (Scarlet Sage)	.30	1.50
Salvia splendens compacta erecta, "Bonfire"	.50	2.50
Smilax, per lb., $3.50	.15	.35
Stocks, large flowering, 10-week, separate colors	.40	2.25
Stocks, large flowering, finest mixed	.40	2.00
Thunbergia, finest mixed	.10	.30
Torenia Fournieri	.30	
Verbena, Mammoth, white, scarlet, pink, purple, striped	.30	1.50
Verbena, Mammoth, finest mixed	.25	1.00
Vinca rosea, rosea alba, alba pura	.20	.60
Vinca rosea, finest mixed	.15	.50

Our wholesale price list for 1901 has been sent to all florists; if you have not received it please notify us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut-flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts.; per lb. 60cts.; 5 lbs. or more at 55 cts. per lb.

W. ATLEE BURPEE & CO., 475-477 N. 5th St., PHILADELPHIA, PA.

SEEDS—Continued.

Johnson & Stokes' Seeds are grown exclusively for the most critical market garden and florist trade, and are known in every large market of the United States as producers of vegetables and flowers which are the accepted standards of excellence. Write now for our new quarterly wholesale catalogue. Johnson & Stokes, Philadelphia, Pa.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Cocos Weddeliana, fresh seeds at $7.00 per 1,000. Write for wholesale price list of high-class flower seeds, etc., for florists. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

A. plumosus nanus, 100 seeds $1.00; 1,000 seeds $8.00. A. Sprengeri, 100 seeds 50c; 1,000 seeds $3.00. Sweet pea, 5c per oz.; 25c per lb. Smilax, 1900 crop, 20c per oz., $2.50 per lb. H. H. Berger & Co., 47 Barclay st., New York.

Florists' fresh flower seeds for early sowing. Preliminary florists' lists ready now. W. W. Barnard & Co., 161 Kinzie st., Chicago.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1,000, $9.00. B. H. Ritter, Fort Royal, S. C.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co., Mfrs. and Wholesalers, 87 Summer st., Boston, Mass.

Smilax, from 2½-in., $1.25 per 100. Cash with order. R. Vincent, Jr., & Son, White Marsh, Md.

Smilax, 2½-in., $2.00 per 100; $17.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax, from flats, 25 cts. per 100. M. J. Coventry, Ft. Scott, Kans.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

SPIRAEA.

Japonica, $3.00 per 100; Astilboides floribunda, $4.00 per 100; Nana compacta, $5.00 per 100. The Storrs & Harrison Co., Painesville, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

STEVIA.

Stevia, variegated, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

VEGETABLE PLANTS.

Cauliflower.—Snowball, 25c per 100; $2.50 per 1,000. Tomato.—Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting.

Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1,000, $8.50 per 10,000; if by mail add 10c per 100. Cabbage—Wakefield and Succession, 25c per 100, $1.25 per 1,000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty 3 in., $2.00 per 100. Lorillard 2½ in., $2.00 per 100; transplanted plants, 75c per 100. Lettuce Silver ball, 15c per 100; $1.25 per 1,000. Cabbage plants—Jersey Wakefield ready March 1. Write for prices on large orders. Mrs. Griswold, Worthington, Ohio.

Grand Rapids lettuce plants; transplanted; strong and stocky, 25c per 100; $2.00 per 1,000. James Frost, Greenville, Darke Co., Ohio.

VERBENAS.

We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest, selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

Verbenas, 40 best mammoth var., 60c per 100; $5.00 per 1000. Verbena plants, strong, full of cuttings, $2.00 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 25 grand varieties, strong healthy plants, 2 and 2½-in., $1.50 per 100; $12.50 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Verbenas, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Lemon verbena, rooted cuttings, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Lemon verbena, 2½-in., $2.00 per 100. R. Vincent, Jr., & Son, White Marsh, Md.

Lemon verbenas, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

VINCAS.

Vincas—Major and Minor; strong field-grown plants, $1.00 per 100; $7.50 per 1,000. Major put in 4-in. pots now will be fine for spring. Lamot M. Lamb, Fayetteville, N. C.

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THE BEST COMMERCIAL FERNS.

BY CHARLES W. COX.

Read before the Philadelphia Florists Club Feb. 5.]

Mr. President and Gentlemen:—Your essay committee has selected me to read an essay on "The Best Commercial Ferns." From my own point of view I think they have made a grave mistake in this matter; in selecting a grower to tell you which ferns keep best in the stores, which last longest in the ferneries under adverse circumstances, and on which varieties they realize from 200 to 300 per cent profit. Therefore, if I fail to come up to your expectations, the vote of censure is on the committee.

The fern, the queen of all vegetation; if the palms can claim the title of the princess of the vegetable kingdom, I am sure the ferns can go one better, from their extreme beauty and diversity, as well as their general adaptability in arrangement with flowering and ornamental foliage plants.

Ferns when well grown are indispensable and possess peculiar attractions, as their management gets better understood their popularity increases, and the now almost universal use of plants, and especially of cut fronds, intermixed in floral decorations, has led to the production of a few of the most suitable species in immense quantities. As regards ferns it may reasonably be assumed that although hundreds of thousands are now grown, where hundreds only were to be found a few years ago. Many good and often most beautiful sorts are becoming scarcer every successive season, and the reason assigned for this state of things is that kinds adapted to the purpose of decorating are comparatively few in number, and the demand for such being yearly on the increase, it is only natural that florists should devote more space to these kinds to the exclusion of many others, which, however beautiful in themselves, are unsuitable for indoor decorations. A few of the ferns may be called more curious than beautiful, such as the platyceriums or Elk's horn fern, of which I will speak later.

I have selected a few of the best varieties that I consider most suitable for growing as specimen decorative plants, namely:

Adiantum Farleyense, queen of maidenhairs, makes a fine specimen plant when well grown. A. rhodophyllum is another plant worthy of notice, of compact habit and beautiful colored frond, and will be used largely in the future as a substitute for Farleyense, as it is of a more hardy nature. A. decorum, another free growing useful variety of strong habit that will stand hard usage. A. gracilis, a most elegant fern with light graceful fronds, makes a novel specimen plant, and its fronds might be more used with fine cut flowers. A. elegans, a beautiful maiden hair with light spreading fronds, and is much grown in preference to A. cuneatum for cutting. A. Lathomii is a beautiful variety, with spreading recurved fronds, and makes a fine pot plant. A. Ghiesbreghtii, or Scutum, a very handsome fern which is much used in Europe, makes a fine specimen and ought to be more generally grown. A. Roehfordianum, a most valuable fern of a darker green color than cuneatum, valuable to grow as a pot plant. A. cuneatum, the old variety, is perhaps better known and more cultivated than any other maidenhair fern, probably because it is one of the most graceful and useful of all known species; indeed, nothing can surpass the elegance of its foliage for general use among cut flowers.

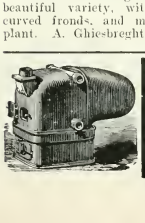
Asplenium bulbiferum is rarely seen in this country, but it is grown in large quantities for the London market, and is considered one of the most important ferns for house decoration. A. laxum pumilum, a beautiful species with finely cut fronds, pale glaucous green, a fine table plant. Cibotium Schiedei, though it appears soft, has been found to stand well in decorations, and the large fronds are remarkably handsome, a very quick grower and profitable plant. Cyrtomium falcatum, commonly called the holly fern, remarkable for the thick leathery substance of the fronds, makes a good useful plant for decorating when grown in 6 or 7-inch pots.

Davallia tijiensis plumosa has large spreading fronds, very nicely divided, and makes a splendid plant when grown in pots or pans. D. Mooreana is undoubtedly one of the handsomest decorative ferns known, with large spreading pale green fronds, and it is a free grower. D. Hirta cristata (commonly called Microlepia) is a beautiful fern, with rather large green, finely divided fronds, which spread over and terminate with a beautiful tasseled crest, and is destined to become a profitable plant when well grown for specimens. Lomaria Gibba ought to be more generally grown than it is. I consider it a very useful plant for decorating, as it makes a splendid specimen from four to five feet across, and being so regular in growth is perfectly distinct from all other ferns.

Nephrolepis: This is a most beautiful genus; many of the species have large drooping fronds and they are particularly adapted for growing in elevated positions. N. Bostoniensis is too well known to need any comment. N. Davallioides furcans, an elegant variety with long, arching pinnate fronds, the apices of the pinnæ being forked and crested, and the fronds terminating in a branching crest. it makes a noble specimen plant. N. Wittboldii, a new variety, from the few plants I have seen promises to become a very useful fern.

Platycerium alcicorne, Stag's horn fern, is a very curious and interesting fern, which seems to be growing in favor for decorating conservatories, etc., and will make a first-class novelty mounted on blocks and will find ready sale. P. Grande is considered an improvement on the old variety, it being a stronger grower. Polypodium aureum, a coarse leaved fern, but one that makes a very fine specimen in 6 and 7-inch pots, is well adapted for room decoration and a 2-inch pot

[Continued page 373.]



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G. L. GRANT, Editor and Manager.

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CLEVELAND, O.—H. C. Burt & Son, dealers in seeds, have filed a petition in bankruptcy. Liabilities, $38,153.17; assets, $4,513.22.

BALTIMORE, Md.—William A. Simpson, of the seed firm of W. A. Simpson & Co., died Jan. 31, aged 69 years.

POTSDAM, N. Y.—Otto C. Dufiner has leased the Garden Street Greenhouses.

MANCHESTER, N. H.—Fire seriously damaged the greenhouses of A. G. Hood Feb. 1.

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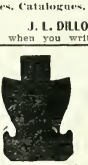

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plant can be grown into a fine specimen in the space of a year. Polystichum coriaceum is a most desirable fern for all purposes on account of its strong leathery texture, and it will stand rough usage.

Pteris: This genus includes a greater number of species and varieties than any other family of ferns and is also remarkable for the beautiful variegated and crested ferns, the latter being very numerous. P. Mayii is beautifully crested and I consider it one of the best to grow for decorations in 5 and 6-inch pots. P. Wimsettii also makes a fine plant for the same purpose. P. Drinkwaterii is also a promising sort for growing into a good sized specimen. P. Argyrea makes a pretty effect when grown with two and three plants together in an 8-inch pan. P. tremula Smithiania, a very fine crested variety, has the free vigorous habit of the type, each frond being divided into several distinct frondlets and makes a nice specimen. P. Cretica-nobilis, the great feature of this fern is its bold, not to say stately habit, the crested light colored fronds standing up so well as to render it a comparatively small specimen exceedingly ornamental. There are several other varieties of fern that are useful as specimen plants, but I consider the above the most serviceable and profitable.

There seems to be a growing demand for small ferns, for planting in small ferneries and jardinieres. I consider well grown plants in 3-inch pots the most useful for that purpose. I have selected a few specimens that I deem the best, namely: Aspidium Tsussimense, Cyrtomium falcatum, C. Fortunei, C. caryotydium, Lastrea aristata variegata, L. chrysoloba, L. Opaca, Nephrolepis cordata compacta, Polypodium aureum, Polystichum coriaceum, P. Setosum, Pteris hastata, P. Victoria, P. nobilis, P. nobilis variegata, P. Wimsetti, P. densa nana compacta, P. Serrulata major, P. Mayii.

The above list of small ferns is worthy of special attention and when well grown ought to command at least $8 per hundred to pay the grower. It has been mentioned to me on more than one occasion by some of our leading florists to make a specialty of such plants. Now it is a question whether they are willing to pay that price for such stock, when they can purchase commoner kinds at from $2.00 to $6.00 per hundred. Some of our leading growers sell 5,000 for $100 in 2 to 2½-inch pots. Gentlemen, my advice to you in this matter is to grow sweet alyssum at $2.50 per hundred. There is money in it for you, instead of growing ferns at that price. It would be like a Guffey oil well in comparison.

It is evident that the number of plant growers have greatly increased and the collection of plants they cultivate is a proof that their conception of the beautiful is not confined to brilliant colored flowers alone, but that they are able to appreciate the elegance of our noble ferns, independent of bloom, which has been for so many years the sole aim of the florist, who looked forward to the development of these, in many instances short lived flowers, as the sole reward of the whole season's labor. How it was that we were so long in learning to love these highly ornamental ferns it is difficult to say, but we are becoming thoroughly alive now to the noble beauty and gracefulness displayed by some of our valuable ferns.

Let us state distinctly, however, that great as our love for ornamental ferns may be, we do not wish to exalt them to the obliteration of the flowering plants, for although the well grown ferns are highly ornamental when grouped together, we are fully persuaded that a judicious selection from both classes, according to the space at our disposal, is the surest way of producing a gay and cheerful effect throughout the entire year.

The cultivation of ferns is much easier than that of plants grown entirely for the beauty of their flowers. To produce plants profusely adorned with flowers close attention must be given to resting and starting into growth, etc., at the proper season, but the plants now under consideration have to be treated upon quite a different principle, for as their beauty is to be sought in the foliage the object should be to make them grow as vigorous as possible from the earliest stages, so that their characters may be seen at an early period of their existence.

Now is the time, taking into consideration the growing demand for ferns, that the growers and retailers should get together and establish a system of regulating prices of well grown good varieties so that the grower can make a living out of it, which we must all admit he is not doing at the present time, at the prevailing prices.

DES MOINES, IA.

Various Items.

On the 8th of this month we had a very severe snow storm, in fact the hardest for a number of years, followed with 12 degrees below zero. It had its effect on business.

We took a spin around some of the houses lately and found Lambert making big preparations for a rushing trade in the plant department, having quantities of most all the leading bedding stock. His Easter stock looks about right for this season of the year.

At J. F. Marshall's we found him busy as ever with his carnations, which are looking fine. He grows Crane, Joost, Maceo, Evanston, Bradt, Jubilee and McGowan. We noticed some fine seedlings, among which we hope he will find a prize winner.

Since my visit Mr. Marshall has had the misfortune to lose his youngest child, whose death occurred Feb. 7. Mr. and Mrs. Marshall have the sympathy of the craft in their affliction and we can but say:

"There is a calm the poor in spirit know
That softens sorrow and that sweetens woe;
There is a peace that dwells within the breast
When all without is stormy and distrest;
There is a light that gilds the darkest hour
When trouble thickens and when tempests lower;
That calm is faith, and hope and love is given;
That peace remains when all beside is riven;
That light shines down to man direct from heaven."

J. T. D. F.

DANSVILLE, N. Y.—The Genesee Valley Seed Co. has been established here. The proprietors are J. C. Van Scoter & Co. They will do a mail business entirely.

MADISON, WIS.—Mrs. A. Guillaume, the La Crosse florist, has opened a branch here with her daughter, Miss Emma Guillaume, in charge.

BRIDGEWATER, MASS.—Frank Brunton has purchased land here and will establish a nursery, a feature of which will be a range of greenhouses.

FAR ROCKAWAY, N. Y.—L. A. Solomon is said to be arranging for the erection of a range of glass here.

LENOX, MASS.—The mid-winter ball of the Lenox Horticultural Society took place Jan. 31 and was a decided success. The floral decorations were very elaborate.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

THEY LIKE THE REVIEW.

It is a valuable paper and I must have it.
Quincy, Ill. G. GROSS.

We are perfectly satisfied with the Review and wish you success for the new century.
Colma, Cal. GRALLERT & CO.

Have been well pleased with the paper.
W. Roxbury, Mass. E. R. LOWE.

I am well pleased with the Review.
Wausau, Wis. M. PHILLIPP.

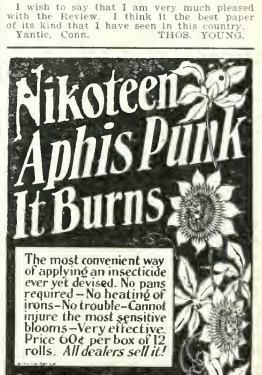
The Review is everything one can desire.
Lake Forest, Ill. THOS. WAGSTAFF.

The Review would be greatly missed if it did not reach me every week.
Lyons, Iowa. M. E. EATON.

It's a good thing; push it along.
Denver, Colo. A. E. MAUFF.

Your paper has been fine the past year and feel I cannot do without it.
Springfield, Ill. BELL MILLER.

I wish to say that I am very much pleased with the Review. I think it the best paper of its kind that I have seen in this country.
Yantic, Conn. THOS. YOUNG.



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THE REGAN
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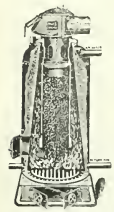
Topeka, Kan.—W. H Barnes, secretary of the State Horticultural Society, has won his fight with Governor Stanley. The governor wanted to consolidate the society and the state board of agriculture. The senate committee on agriculture has turned down Stanley's scheme and recommended an appropriation for the maintenance of the society under Barnes' management.

Hagerstown, Md.—The annual meeting of the Western Maryland Horticultural Association was held here last week. Charles G. Biggs, of Sharpsburg, was reelected president, and Arthur L. Towson, of Smithsburg, secretary. Topics of interest were discussed by Mr. Biggs, Samuel S. Stouffer, Samuel Cronise and others.

Cincinnati, O.—Edwin Hoffmeister, a member of the firm of Hoffmeister Bros., died Feb. 2, aged 26 years.

Foxcroft, Me.—B. T. Guenther will add a new greenhouse.



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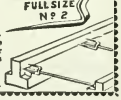

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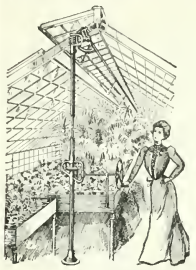

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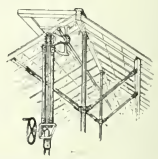
See That Ledge.

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED IRON GUTTER.



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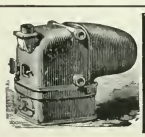
GARLAND'S IRON GUTTER

No Ledge to accumulate dirt and rot off bars.

This Gutter will save money in cost of construction.

GEO. M. GARLAND, DES PLAINES. ILL.



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ALL CONTRACTS
STRIKES, FIRES,
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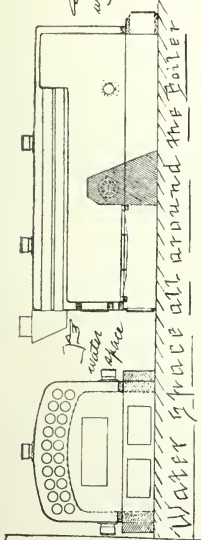
Kroeschell Bros. Co., Chicago, Ill.
GENTLEMEN: Your favor of the 9th inst. asking me for an expression of views as regards your heaters as compared to others we have tried, is at hand.
BLUE ISLAND, ILL., March 11, 1894.

Will say, in the fourteen years since we began, we have made three changes in our heating apparatus, and after three years' use of one and one-half of the other one, am pleased to say, I would not be induced to exchange it for the two heaters of your make. With the latter I can say, you have given us the best you could ever put in a heater, and would have cost you many times more to improve upon it. We have a number of your heaters in use, and I think all will say the same. Yours truly, CHAS. BUETOW.
Blue Island, Ill.



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Prices of steel may advance later on the same as has been the case with Glass.

Will book your order at present low prices, and deliver the Boiler any time you want it next spring or Summer.

Yours,

NILES CENTRE, COOK CO., ILL., March 20, 1894.
Messrs. Kroeschell Bros. Co.,
Chicago, Ill.
GENTS: Those two boilers you made for me are the best I ever used. I have used more than twenty different kinds of boilers, and never saved so much fuel as I did this winter with your boiler.
Truly yours, F. STIELOW, Florist.
Niles Centre, Cook Co., Ill.

EVANSTON, ILL., March 26, 1894.
Messrs. Kroeschell Bros. Co.
Chicago, Ill.
DEAR SIRS: Replying to your favor, would state that I have in use three of your Improved Green House Boilers which I have had for five years. Before purchasing yours I had been using the Dievine Boiler. I like your boiler in better because it has a larger front and water back, which allows no heat to escape. The saving of fuel in your boiler is about one-fourth. Coal is compared with other boilers. Your boiler is easier to run than other boilers.
Yours truly,
M. WEIGAND,
Evanston, Ill.

Read what one user of the Garland Gutter says about it.

Chicago, January 30 1901

Geo M Garland
Des Plaines Ills.

Dear Sir:-

It is with pleasure that we say your Iron Gutter used on our new houses have given entire satisfaction they contain more valuable points of merit than you claim for them

It would have taken 20000 feet of Glass to cover the extra bench space which we obtained by using your method of construction and furthermore we do not think we could have had the present showing of carnation in our old style of construction on account of extra light we got by using your Gutter. We shall want more Gutters this coming season

Yours Resp'y
Wietor Bros.

For further information, address

GEO. M. GARLAND, Des Plaines, Ill.

THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, FEBRUARY 21, 1901. No. 169.

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E. Crocker, the best 1900 novelty for commercial growers, - 4.00 " 35.00 "
Olympia, - - - $5.00 per 100. America, - - 2.50 " 20.00 "
Peru, - - - 3.00 " Jubilee, - - 2.00 " 15.00 "
L. Paul, - - - 2.00 " White Cloud, - 2.00 " 15.00 "
Mrs. G. M. Bradt, $3.00 per 100; $25.00 per 1000. Flora Hill, 1.50 " 12.00 "

Our stock is in fine healthy condition and these cuttings are strong and healthy. CASH WITH ORDER PLEASE.

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IRENE

THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

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WHOLESALE COMMISSION FLORIST....
ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

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TUBEROSES ready for delivery now.
Dwarf Pearl, large bulbs.....per 100, $1.00; per 1000, $7.00.
Tall Double, fine plump bulbs..... " 1.00; " " 7.00.
CANNAS. Our list has been revised and increased. We offer an exceptionally choice selection.
GLADIOLUS Standard named varieties; colors separate and mixtures in various grades.
FERN BALLS. Start them now for Easter sales. We have a fine stock. TRY A DOZEN.
Tuberous-rooted Begonias, Caladium Esculentum, Dahlias, Gloxinias, etc.
Complete line of all New Crop Flower Seeds in store.
If you have not received our FLORISTS' WHOLESALE LIST write for it.

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"It is so easy to find what you want."

"Hoosier Maid" Now Ready. Pure White.
Flowers do not stop blooming in mid-winter, get weak necked, sleepy nor split. Send for illustrated price list.
ANDERS RASMUSSEN, - - New Albany, Ind.

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Fresh Seeds Now on Hand.

Asparagus Sprengeri, $3.00 per 1000
Asparagus Plumosus Nanus ..... 8.00 "
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AMERICA, LITTLE PINK, MARS, ERNEST E. REINFORD and DR. E. A. HERING belong to the new dwarf type, or TOM THUMB SECTION, and are exceedingly free flowering.

We offer many NEW and STANDARD kinds.
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Our new price list for 1901 now ready.

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500,000 VERBENAS....

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PERFECTLY HEALTHY. FREE FROM RUST
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Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings. Send for list. J. L. DILLON, Bloomsburg, Pa.

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Special Offer of A No. 1, American Beauty Rose Cuttings at $3.00 per 100 or $25.00 per 1000. Ready for shipment in ten days. Write us about them. Orders filled in rotation.
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REPORT OF THE JUDGES

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GRAND NEW ROSE

QUEEN OF EDGELY

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"We are convinced that this variety is a valuable addition to the list of forcing roses, being in every respect, except color, the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good, even in the full flowers. The fragrance is also as fine as that of Beauty, and the exhibited blooms showed remarkable vigor."

(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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E. G. HILL & CO., Western Agents, RICHMOND, INDIANA.

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TUBEROSES, extra fine dwarf Pearl, barrels containing 8-9 and 9-10 each, $4.00 and $7.00.
CALADIUM ESCULENTUM, extra fine, 9 x 12 inch circ., $7.50 per 100. Good size, 6 x 9 inch circ. $4.00 per 100.
TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs $2.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
LILIACS, in 4 varieties, $15.00 per 100. **AZALEA MOLLIS,** fine, $15 per 100. **AZALEA PONTICA,** $15.00 per 100. **RHODODENDRONS,** fine, $15.00 per 100 up. **PAEONIA SINENSIS,** $16.00 per 100. These are the finest named varieties in existence.
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Start them now. We offer for **February:**
7-8-inch each 40c; doz., $3.50; 100, $27.00.
Monster, 9-11-inch, each, 65c; doz., $6.50.
Beautiful FERN WREATHS,
1st size, each, 60c; doz., $5.00; 100, $40.00.
2nd size, " 40c; " 4.00; " 35.00.
Send for new list Bulbs, Seeds etc.

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Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

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GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $4.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

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Write for Price List.

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Galax Leaves and all Decorative Greens.

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Remember we are headquarters for best goods always.

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P. O., MILLINGTON, MASS.

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THE RETAIL FLORIST.....

Bulbous Flowers.

A few random hints on what is obtainable on the market and their proper uses may be of interest to many. As spring approaches there is naturally a greater variety of stock to be had, and most flower buyers are already asking for spring blossoms. It is becoming more apparent every year that the season marks in flowers are being wiped out and many expect that it will soon come to pass that almost any flower can be had at any time of the year. Just at present almost anything can be picked up on the New York market, and florists can have no excuse for being unable to suggest a large variety of suitable material for any kind of job.

Store windows are becoming more attractive by artistic arrangements of bulbous flowers, and a vase or two of your choicest placed on the end of the counter may tempt many to buy. It has been our experience that morning customers as a rule prefer to buy the flowers they see on the counter in preference to those in the icebox, and we advise the placing of a portion of your stock where people cannot help but see it. Much of the bulbous flowers seen on the market is strong evidence that many growers are penny wise and dollar foolish. The bargain counter of the bulb store is a poor place for the commercial cut flower grower to buy his stock at. The man who produces quality reaps many rewards, two of which are better prices and self-pride.

Daffodils.

Now, as to the uses of bulbous flowers. Whilst they are permissible at every kind of function, they are distinctively appropriate for morning affairs. We recently arranged a "yellow table" for a luncheon party of eighteen. In the best houses no cloth is used on a luncheon table—that is, if the table is what it ought to be—of the finest mahogany and highly polished. This particular table was round, and we used a 20-inch round flat basket, which we first filled with Adiantum Farleyense plants out of 5-inch pots, selecting light, bright foliage, and filling so as to completely hide the basket. We put on No. 25 wire 200 single trumpet daffodils, putting three flowers on one stick; these were arranged at irregular heights among the ferns; then we mixed through and fringed the basket off with 200 campernelle jonquils, placing some to rest on the table. A band of 7-inch satin-faced taffeta ribbon was placed around the edge of the basket to emphasize the beauty of the fern; four short bows of the same material were arranged to connect with the band, and sprays of Narcissus Soleil d'Or were put across the bows and here and there on the table a small Farleyense leaf and a spray of jonquils were placed to break the formal line, but nothing was done to interfere with dishes or make it appear heavy. Yellow freesia (Leichtlini major) was used for the finger bowls.

We have done the same table on a previous occasion, when we used a low green Venetian bowl and campernelle foliage instead of the basket and fern. We prefer vase work to baskets where table decorations are concerned, but it is not always possible to do effective work with vases on large tables. The very finest work can be done with single daffodils or pretty jonquils, and some very choice sorts are seen but too seldom. Wherever they are used the foliage should be kept low, the flowers showing prominently, remembering always that solid flat arrangements will destroy the beauty of any flower, particularly spring flowers.

Roman Hyacinths.

A great many more white flowers, such as paper white narcissus and Roman hyacinths, are being used than formerly, principally because they are sweet and cheap. A wreath of Roman hyacinths fringed with Farleyense, with just a cluster of red or pink roses, may be made to equal if not exceed in beauty many a more expensive design. We often think more of them could be thus used with profit.

Tulips.

Tulips are usually difficult flowers to arrange and there is no possible excuse for some of the colors being seen. We know one party who makes a specialty of choice sorts and it's a pleasure to work with the stock. The tulip, more on account of its color, is the one bulbous flower more than any other that is used for dinner table decoration, and to be strictly correct in arranging them nothing but their own foliage should be used. Just now, of course, they are very scant of dress, and often other greens must be put with them. Care should be used, however, to avoid exotic effects; some grass-like foliage is best in the absence of their own. Greens should be kept low, the flowers arranged at irregular heights.

A tulip dinner or luncheon can be made very interesting by having everything on the table conform to either the color or form, both if possible, of the flower. Ices can be served out of single tulips, in fact a clever chef or confectioner can serve many forms of dainties from these flowers. Much of the real beauty would depend on the arrangement of the flowers; often the use of old Dutch vases or bisque ware is more appropriate and produces better results than the round board or basket. If a basket is used, a simple green willow or rush flower basket is best in such arrangements. The tulips are bunched and put closely together, giving the impression that they have just been gathered from some Dutch flower garden. Very few prettier effects can be produced than that of a table with, say, from 200 to 500 Couleur Cardinal, Chrysolora, highly colored La Reines or any of the one-colored tulips, but your design must be wholly in accordance with the flower.

Very effective garlands can be made from tulips. First wire them, turn the foliage back, also the petals of the flower (they will remain that way), tie them to face out, using a string of smilax or some such green. You will find them a cheap garland and if made say from 4 to 6 feet long and hung up on a green or contrasting colored background they will show up surprisingly good. Or they look well suspended from balconies, etc.

Freesia is being abundantly used where small, sweet flowers are wanted. It is not much for show, but placed in small vases, on desk or table, it is capable of showing powerful influence; a bunch of it might go in any box of flowers or be tied at the side of any bunch. It is a favorite for the finger bowl.

Lily of the Valley.

Lily of the valley has been bringing high prices this season. Now, of course, it is getting down within the reach of all, and no store should be without some of it. Whenever a critic comes in for something choice one need not be ever ashamed to point to this grand little flower, and if it is fresh and sweet it is more than likely that it will be chosen from amongst its gaudy comrades. A well made bouquet of lily of the valley, with or without a cluster of some other flower, is still one of the choicest of all bouquets. The foliage should be greatly subdued or almost entirely omitted in the hand or bridal bouquet. Where it is used in a wreath the leaves should be used, but placed below the flowers. In vase work all the foliage is permissible. In the corsage bouquet very little foliage is used, and the bunch is tied with small bow of very narrow white ribbon. Use a white headed pin. Boutonnieres of valley are not as popular as they were once upon a time; the price and the popularity of simpler forms are responsible perhaps.

Other Flowers.

Dutch hyacinths are so far very poor. Soon, however, pretty mixed bulb baskets or pans can be made up, and with a bow of showy ribbon attached might induce many persons to buy. Try your hand on one or two; let the people see some of your artistic work without ordering or paying for it first.

Harrisiis are becoming plentiful, and what is more useful in a rush funeral order? And very few flowers can equal them tied in a flat bunch. Bunches of pansies, primroses and such flowers are occasionally being asked for by the romantically inclined, and forget-me-nots, which are coming in fine now, are jewels for the sentimental. A small basket of myosotis and valley with just one rose bud and a bow of blue ribbon is a choice present for a young girl; sometimes the baskets are covered with surah silk and the name and date printed on the ribbon.

Roses.

At Thorley's we recently saw a bouquet of white roses with shower of pink baby ribbon and broad streamers of pink; it was at night, and the contrast of colors was something striking; the bouquet was intended for the second attempt of a widow.

It is often the case that we see wreathes or bunches of white flowers with just one fine red rose. There's a good deal of meaning in a red rose being thus prominently arranged and its effect is pleasing. Bouquets of Golden Gate roses

were popular this season for debutantes; it is an easy rose to bruise, but a glorious one if clean and the tinge of color is deepened. We notice a most peculiar thing about this flower. If it is grown strong the blooms are inclined to become deformed and turn to greenish shades. We find that the medium or smaller flowers have the best color and form. These we wire and make the handle of the bouquet very small, entwine and tie with white, blue or light pink ribbon. The latter is best. Farleyense goes well with this rose, and also a cluster of valley.

Liberty, though a magnificent rose, has not been as abundant as we thought it would be. Old Meteor has been coming in in floods, and kind of jostled the new one; better is expected of it another year. One fine Liberty is worth a dozen Meteors where quality is appreciated.

Carnations, well, we will leave them for another day, and will illustrate what we say by a few special designs. IVERA.

AN ELABORATE DECORATION.

The dinner, dance and supper given by the Clarence Mackays at the Waldorf Astoria on Feb. 1st was one of the most elaborate and artistic decorations seen in the United States for some time, and we doubt if a part of the feat was ever equaled. The Mackays are ambitious and are worth millions. They desired to give their friends a surprise, and in the development of the surprise outdo anything done in New York in recent years.

This they succeeded in doing by giving almost carte blanche orders to caterer and florist.

The greater part of the first and second floors of the hotel had been hired for the occasion. The Astor gallery was the room de resistance. Here the dinner tables were set, seating 190 of New York's most exclusive society people. The walls of this magnificent room were prettily draped in wild smilax, with here and there long clusters and garlands of bougainvillea. Groups of plants were placed in the corners and center of the room, and immense plants of bougainvillea were arranged among the palms, the whole being lit up by thousands of fairy lights. In the center of the main table, covering an oval 35 by 19 feet, was a low bed of Adiantum Farleyense, and among these ferns were arranged some 3,500 cattleya blooms on plants. Radiating from this central group along all the tables were delicate garlands of Farleyense and cattleyas, their beauty punctuated by ruffles and bows of broad cattleya ribbon. Something like 2,000 cattleya blooms were used in these garlands, and the whole color scheme, which is Mrs. Mackay's favorite—rose-lavender—gave one of the most effective decorations imaginable.

The vestibule outside this great room is several hundred feet long, and it was completely turned into a green bower all the way, smilax and palm hiding ceiling and wall, a green baize carpet on the floor adding to the effect.

The public restaurant of the Waldorf had been engaged, and this was made to represent a forest: the ceiling and walls were hidden with wild smilax and Florida moss; small tables were placed beneath immense bay trees on the floor; five thousand electric lights were arranged among the greens and trees, and the scene was very fine.

When the guests had finished dinner they were coaxed into the room down stairs and none of them expected any further developments. In twenty minutes' time the dinner tables were cleared, carpet taken up and the polished floor and a prettily decorated ball room took the place of the dining room. It was a big surprise for the guests, who were invited up to dance, and the magnitude of the job can be imagined only by those who were there to see it.

Small & Sons had charge of the decorations, which were executed under the direction of the artist, Arthur Merritt. Many of the leading retailers took a peep at the completed work and all gave great praise to its excellence.

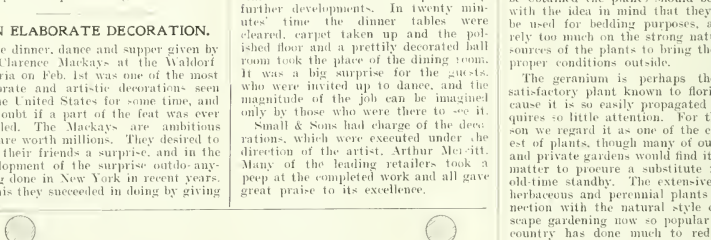

Diagram of the Mackay dinner table seating 190 guests at the Waldorf-Astoria, New York, February 1.

The accompanying diagram will give some idea of the arrangement of the tables and the placing of the plants, etc. J. I. D.

A ROYAL WREATH.

The accompanying engraving is from a photograph of a wreath contributed by the members of the Montreal Gardeners' and Florists' Club toward the decorating of the statue of Queen Victoria, Victoria Square, Montreal, Feb. 2.

The wreath was five feet in diameter and was composed of lilies, orchids, roses, Buddleia Asiatica and violets, and included heather and shamrock to fully represent the different nationalities of which the club is composed.

It was a fine piece of work and reflects the greatest credit upon Messrs. Joseph Bennett, A. C. Wilshire and G. A. Robinson, who arranged it.

BEDDING GERANIUMS.

By Edwin A. Kanst.

[Read before the Chicago Florists' Club, Feb. 15.]

In selecting varieties for this paper I have chosen only such as I am familiar with and know to be excellent bedders. Many geraniums that appear well under glass make a very poor showing when planted out. I am of the opinion that the strong growers are usually the ones best adapted for this purpose, or the ones that show the most vigor in growth rather than those which show great abundance of bloom under glass. In looking over our stock before planting out in the spring I have often noticed that some of the best bedders show the least bloom, so that it will be seen that at least a season's trial outside is necessary before determining whether a geranium is a suitable bedder or not. I also believe that where the best results are to be obtained the plants should be grown with the idea in mind that they are to be used for bedding purposes, and not rely too much on the strong natural resources of the plants to bring them into proper conditions outside.

The geranium is perhaps the most satisfactory plant known to florists, because it is so easily propagated and requires so little attention. For this reason we regard it as one of the commonest of plants, though many of our parks and private gardens would find it a hard matter to procure a substitute for this old-time standby. The extensive use of herbaceous and perennial plants in connection with the natural style of landscape gardening now so popular in this country has done much to reduce the numbers of geraniums used. The planting of these plants in connection with a landscape is considered bad form, it being claimed that their bright colors do not harmonize with quiet and restful views; therefore the landscape gardener has confined them to isolated places apart from the landscape view. However this may be, I believe that the geranium and many others of our most beautiful cultivated plants will continue to be favorites with many persons after the fad of substituting hardy plants is a thing of the past. The period of bloom with most herbaceous plants is usually not longer than a month or so, while geraniums, ageratums, heliotropes, etc., are in bloom from May 21st to October 21st, or until cut down by the frost. I do not wish to give the idea that I am not in favor of herbaceous plants, for I am, but I do maintain that in order to have satisfactory results in this climate one must give them during the summer nearly as much attention for a much less amount of bloom.

It has been my experience that cuttings taken from geraniums in the fall and rooted will make much stronger plants and more desirable for bedding purposes than if grown from cuttings made during the winter months. Fall rooted ones, after being kept in a dry condition, can be started along in February and by bedding out time are strong, thrifty plants, while those propagated in the winter are inclined to be weaker and smaller owing to insufficient time to develop. Too much watering in summer time I believe is often the cause of plants rotting off or producing a small amount of bloom. Geraniums can stand a great amount of drought without injury to them and produce the most flowers when in a somewhat dry condi-

Wreath sent by the Montreal Gardeners' and Florists' Club to the Decoration of Queen Victoria's Statue, Feb. 2.

tion. Over watering causes some to grow rank while others rot off altogether.

I would not advocate setting plants too far apart, as this causes them to grow uneven on account of having too much light. For ordinary spring grown plants I think fourteen inches is about the right distance. This is not so wide apart but what the plants can grow together in a short time, when they will continue to make a uniform bed all summer. Frequent stirring of the soil is always beneficial, but to avoid over watering seems to me to be the principal point to be borne in mind in the care of plants bedded out doors.

I have selected the following varieties as being among the best and most reliable bedding geraniums, at least in this climate at the present time. There are perhaps many varieties known to others at this time equally as good, but not having had experience with these I am therefore unable to give any accurate information regarding them:

Double varieties:

S. A. Nutt. Of all geraniums, both double and single, I think this one is the finest. We are asked the name of this variety many times during the summer. There must be something about its color and habit that attracts one, and besides, it has such a strong constitution.

Mme. A. Chevrelierre. This is a double white that can be relied on as a continual bloomer and excellent in every respect.

Waddington. May be an old variety but it has its place as a dwarf pink; a great bloomer and is always attractive.

Pres. Leon Simon. Clear red.

N. Casteline. Pinkish red.

Alfred Tennyson. Light scarlet.

Beaute Poitevine. Brilliant salmon.

Raspail improved. Large scarlet.

Alphonse Ricard. Orange red.

Single varieties:

Meteor. Red.

General Grant. A very old scarlet variety but one that is extremely useful.

Mrs. E. G. Hill. Salmon color; very strong grower.

Benjamin Schroeder. Finest single pink.

Athlete. Large scarlet flower.

Margaret de Layer. Reddish salmon.

Mrs. G. M. Gaar. Pure white.

J. R. Lowell. Orange red.

Silver leaved:

Mountain of Snow.

Mme. Salleroi.

Many new varieties have recently been introduced, even more, I think, than there has been any demand for. Of course, one is always anxious to try new varieties, but a wise person will hesitate before discarding the old tried ones for those that he has not given a thorough trial. And again, those that do well in one locality are sometimes of little use in others.

Among the new geraniums there are several that I have seen which I believe have special merit and which I am going to try next summer. They are as follows:

Le Soleil. Double red; lighter than S. A. Nutt.

Mme. Rozaine. Pure double white.

Mme. Landry. Semi-double salmon.

John P. Cleary. Single red.

Due de Montmort. Double; nearly purple.

Frances Perkins. Double pink.

Countess de Castries. Pink.

Jean Viaud. Semi-double pink.

Clyde. Single scarlet.

Ian Maclaren. Light salmon pink.

Mme. J. Cebril. Single pink salmon.

In the discussion that followed Mr. Woodward said he thought the old Queen of the West should be included in the list. He still has it in fine healthy condition, though others noted that with many it has been diseased of late years.

Messrs. Palinsky and Jurgens said that while Mr. Kanst's methods were correct it was impossible to apply them commercially as regards the growing of plants for bedding purposes only, as the plants could not be sold without having one or more trusses of bloom on. They also said that single flowered sorts would not sell. The people insisted upon having semi-double blooms only.

Mr. Jurgens said he now placed John Doyle at the head of his list of scarlets, as it is brighter than Nutt and as good in other ways. But Nutt is still close to the top. Frances Perkins is his best pink. He had had some trouble with it, though, from disease last summer.

DWARF NASTURTIUMS.

Are dwarf nasturtiums free and continuous enough in blooming to be used for bedding? Could they be started early in pots and transplanted the same as other bedding plants? H. T.

Yes, they can be used to good effect in some styles of flower gardening, but not where high color is required or where a small, compact form is the object, as green would most likely be the predominant color and as the growth is free no clipping can be done.

On the margin of a long border, or a plant here and there in the mixed border, or an edging to some stronger growing plant, they are quite effective. The value of the dwarf nasturtiums as flowering plants rests entirely with the quality of the soil. If a heavy loam, and more particularly if enriched, they will grow so freely and have such a rampant growth of leaves that the flowers will

never be seen; they will flower poorly and the flowers will seldom come above the foliage. They need only a light gravelly or sandy soil. In either of these soils the flowers stand up above the foliage, and they make beautiful, showy plants.

Yes, they can be raised and grown in small pots and planted out as we do with the great majority of our bedding plants. Sow the end of March, and when potting use poor soil and keep the plants in the fullest light. Wm. Scott.

ROSE NOTES.

Propagating.

The last week of bright sunshine has ripened the wood nicely and cuttings taken now will be much superior to those taken during a long cloudy spell. There is no time to spare now in propagating your roses, if you intend planting in June out of three or three and one-half-inch pots. The cuttings should be potted off when the roots are one-half to three-fourths of an inch long, otherwise there is too much danger of breaking them off, and besides, the potting can be done much quicker than when the roots are longer. It is a bad mistake to leave the cuttings in the sand until the roots are two or three inches long and beginning to turn brown. An unnatural growth results, and as there is no food in the sand the strength of the cutting is exhausted and it gives us a weak plant.

Potting.

The best soil for potting is well-rotted sod. If it should be too heavy it can be lightened by adding sand. Manure of any kind in the soil at this stage is of no benefit. The cuttings should be potted firmly and then placed in a sunny house near the glass and shaded till the roots have taken hold of the soil. Be careful that the first watering is properly done. Have the soil moist to the bottoms of the pots, but avoid having it turned into mud. It is always safest to then keep the young plants somewhat on the dry side till the roots show around the inside of the pots. An occasional syringing over the foliage will be of great benefit.

Watering.

Of course you must never allow the plants to get too dry. I find that the best time to look over the pot plants is in the afternoon, as it is easier to tell then which require water and which do not. It is best to use a watering pot, for it takes an expert to single out the dry plants with the hose when they are so small and not get more or less water on the adjoining plants, which may not need any for some time. By improper treatment in watering many young plants are lost entirely and others are weakened or checked. Sometimes the injury is the result of being too dry, but more often the damage comes from being too wet. The hose is used too freely on most places, and this is really the cause of many failures, shown by yellow and sickly plants.

Once Checked Always Weak.

The health and condition of the plant in this stage has a direct influence upon its future welfare. I have noticed that a plant that is thrifty while in a two-inch pot will generally remain so after being repotted or planted out on the bench, but a sickly plant, even if it should have apparently regained health and vigor, will with the slightest mistreatment show its old weakness again. Hence the importance of giving the young plants the best of care. The most competent man on the place should have charge of them. The surface of some soils becomes covered with a green growth. This should be removed whenever it forms, as otherwise it is impossible to tell the condition of the soil without knocking the plant out of the pot, which last should be avoided as much as possible.

As soon as the roots commence to work around the sides of the pot the plants should be shifted into three-inch pots. It is a mistake to wait until the plants are pot-bound before shifting, for they will become stunted and instead of growing right along they will stand still for ten days or two weeks. We should never allow the young plants to receive any check whatever.

The Blooming Plants.

Owing to continued firing our rose beds are apt to be dry on the bottom, a condition which interferes with the plants' growth, and consequently injures the size of the flowers. You will often find the bed in general moist enough, except right above the heating pipes, where the soil may be dry. It takes very careful watering under such circumstances to maintain an even moisture all through the bed.

At this time of the year, when the sun is steadily getting stronger, it often occurs that when there is a sudden change to bright sunshine after a short cloudy spell the roses seem to wilt. This is the result of soft growth fostered during the dark days. A light spraying over the heads of the plants will help them to straighten up again. I know of beginners being deceived by this, and supposing the roses were dry they would hurriedly begin to water, which was a mistake. Always examine the beds before watering. Have the hose in the right hand and work backwards. While the the left hand examines the soil row by row of plants the right hand follows with the water. M. Starch.

DISEASED CYCAS.

A customer of mine has a cycas which is in a very bad condition. I send a leaf of same. The other three leaves are not dead at the tip like this one, but all have three or more of the pinnae dead in patches on both sides of the leaf. Can you tell me the cause of the trouble and whether anything can be done to put the plant in good condition again?

J. B.

From the appearance of the cycas leaf that accompanied this inquiry it seems evident that the trouble arises from an unhealthy condition of the roots of the plant in question.

It is naturally somewhat difficult to say positively just what caused this condition without seeing the plant, but it seems probable that this was a newly imported cycas stem, the leaf growth of which was forced up before it had made roots enough to sustain the leaves, and while the stem itself contained nourishment enough to cause the leaves to expand, yet it could not feed them indefinitely without the aid of roots.

Try keeping the plant rather dry, though *not dust dry*, for a month or two, and unless the stem has already begun to decay from too much moisture, the plant may ultimately recover strength enough to produce another growth of leaves during the coming summer.

W. H. Taplin.

MIGNONETTE.

At the last meeting of the Chicago Florists' Club Mr. E. Buettner favored the members with a talk on growing mignonette.

He said that two important points were a light, airy house and good, clean seed to start with. He requires seed that has been grown under glass, as that grown outside is pretty apt to be mixed. He grows Allen's Defiance and sows the seed in three-inch pots in August and keeps the pots in frames till September, when he plants in the house. He thins out the seedlings in the pots to the two strongest, and when planting out in the house selects the strongest of the two. He does not recommend planting the seed in the bench inside where the plants are to flower, as the soil is apt to become sour and the plants do better in the frames outside. The plants must not be allowed to become pot bound. He uses the same compost as for his roses, etc., and finds that a heavy soil is best for mignonette. He feels it essential that the plants have a house to themselves, though he believes they could be successfully grown in the same house with carnations.

After being planted out inside in good soil the main points are tying up and keeping clean. He holds that five spikes of Allen's Defiance should bring $2 to $2.50 a dozen to make it really profitable to the growers, as it brings only one crop and the plants average only about four spikes each. This variety makes large spikes with heavy stems, but is somewhat lacking in odor, and the color is more inclined to green than some others. And then the crop can be cut out in February and the house used for other stock at a season when space is at a premium. May's mignonette is more fragrant, but the spikes are more uneven in size.

After planting out on the bench he pinches out the center to make the plant throw several branches, but that is all that is done, except to take off the side branches from these. He maintains a temperature of 50 degrees and believes that it is a mistake to keep the temperature lower than that. He can't see that it makes any difference how far the plants are from the glass. He begins to cut bloom shortly before Christmas, and the crop is cut out in February.

For spikes to sell at a lower price Machet is better, as it flowers from fall to spring, and though the spikes are not large they are more numerous. Improved Miles Spiral is good, too.

To produce specimen pot plants he would sow in three-inch pots and thin out to three strongest seedlings around the edge of the pot and repot into four-inch and five-inch before becoming pot-bound. For Easter pot plants he would use Machet and sow in October and November. When in blooming pots the plants will make a great growth if set in a hotbed and the pots being moved occasionally to keep the plants from rooting through too much, but plants so grown won't last well afterward. This can be overcome to some extent by mov-

Peter Fisher's No. 130.

ing the plants into the house and hardening off some before using.

He says beware of the moth that lays eggs from which are hatched the little worms that are so fond of mignonette. One of the worst pests he has had to deal with, though, is black thrips. He says the man who will discover a really effective method of exterminating thrips will win a lot of money.

As to the profit in growing mignonette, he believed that there was more money in devoting the same space to chrysanthemums, and that this would be so until people were ready to pay a better price for fine mignonette, at least in the Chicago market. At present $1.50 to $1.75 a dozen is considered a good price here, and it ought to bring $2 to $2.50 to make it a good paying crop.

SOME REQUIREMENTS FOR THE ELEVATION OF OUR BUSINESS.

BY J. J. BENEKE.

[Read before meeting of the St. Louis Florists' Club, Feb. 14.

In accepting the request made by your trustees to read a paper before you today upon "Some Requirements for the Elevation of Our Business" I do this with pleasure, as I know that two essays a month as directed by our trustees will elevate our club mentally and also help us all materially in the advancement of our business. I know that there are members of our club who are better able to handle this subject than I am, still I recognize the fact that when called upon it is the duty of every member of the club to acknowledge and perform to the best of his ability.

In considering the problem of the elevation of our business we find in our daily experience that the successful man in our, as in any other calling, is the systematic one, the one who pays the strictest attention to every detail and who watches any movements that tend to the promotion of his interests. The old saying is: "Everlastingly at it brings success," and this is nowhere more true than when applied to the florist's occupation. The first object of great importance to the greenhouse man, or grower, as we call him, is to keep up the standard of his stock and be abreast of the times.

Taking the figures of the last census, our population is estimated at over 500,000 people, and our business represents capital invested of several million dollars, and this sum certainly indicates that we are entitled to claim recognition among the industries of our country. But in order to keep up our standing the first requisites are *systematic work, cleanliness* and *orderly arrangements.* These must be preserved by the grower and retailer alike if he feels interested in the elevation of the business, for on cleanliness and proper display of his stock depend the sales and the profit. In many places among the growers will be found muddy walks, benches worn out and broken down and plenty of weeds. This does not always indicate that the growers are too busy and have not the time for weeding or repairing; still, this state of affairs is not so prevalent now as it was a few years ago; nevertheless many establishments of today need a change for the better.

A good manager and reliable help is what these places need. The watering, ventilating and firing should be done systematically by trained help, and these men should be held responsible for the regular performance of their duties. In this way the men under you will become more interested in the appearance of your place and will also take a pride in keeping the premises in good condition.

The same principle of systematic work also applies to the store men. At these places the flower loving public expect an aesthetic display of elegance for the general taste. The retailer should be the educator of the community. A close observance of these points will aid in raising our business to a higher standard than it now occupies.

It is no doubt true that the St. Louis Florists' Club accomplishes some good by bringing members of the trade together for the purpose of exchanging ideas. It helps to elevate them and they learn from each other what they require in their business. But why is it that not every florist in St. Louis belongs to our club? This is a question often asked me. My answer has always been this: The best florists of our city are members of our club. Those on the outside don't seem to realize the benefits to be derived by themselves through these mutual interchanges of ideas and experiences in the business. If they did they would all be in our list of members. Membership in the Florists' Club should be encouraged by the proprietors of all establishments, be they large or small, for their members will receive knowledge and information of plants, flowers and gardening. These are agencies for the promotion and advancement of our business.

Our local exhibition is a good opportunity for the florist to display his talent and enterprise and make a good impression on the public mind. But very few do this. Some say they have not the time, others say there is not enough money in it for them to make a display. They don't seem to think of the indirect benefit they will derive from it after they have made a creditable display and show the public what they can do and arouse in the public a demand for their products and impress them with the knowledge that they are in the florist's business to elevate it to its highest possible place—and I say finally that one of the foremost requirements for the advancement of our business is for every employer or employe in the trade, be it man or woman, is to have a good horticultural education, and the only available way to get this is to become a member of our club. The question box is open for all, and any information you require for your business will be cheerfully given by men of experience.

At present our business is by no means discouraging, but it seems to me that if the florists of our city would adopt a system along the lines of what I have read they would not only gain a full measure of recognition among the trades but by elevating public taste would also elevate their standing socially and rise in the community financially. A hint to the wise.

MONTREAL.

The Montreal Gardeners' and Florists' Club will have an exhibition of carnations Feb. 26th, and various American growers will improve the opportunity to show their new varieties to the Canadian florists.

All flowers for exhibition should be addressed to the Montreal Gardeners' and Florists' Club, care Joseph Bennett, 1361 Peel street, and it is suggested that flowers be sent early to allow them an opportunity to recoup after the journey before being judged.

"YOU NEED IT in your business"—The Florists' Manual, by Wm. Scott.

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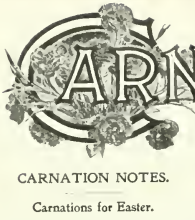

CARNATION NOTES.

Carnations for Easter.

It is not too early to be thinking about your Easter crop of carnations. Easter will be only about six weeks away when these notes reach you, and if you begin at once you can do a great deal toward improving your cut for that day both in quality and in quantity. The plants will be making a strong growth now and to help them to finish off with good, large blooms they will need more or less feeding, according to the condition of the soil, and especially if they have bloomed a good deal during the winter.

The shoots that are to produce the Easter blooms should be lengthening out pretty lively now, in order to be in bloom by that time. Varieties that are in full crop now will likely be off-crop by that time, but those that are just between crops now can be depended on for a good cut by that time. For instance, our White Cloud, which is in full crop now, will not give us many Easter blooms, but our Flora Hill, which is just between crops, will be in full bloom again by that time.

That reminds me of how well these two varieties work together. Each is at its best when the other is at its poorest stage, and if they are handled properly you can have a steady supply of highest grade white the year round with only these two varieties. If we could combine the good qualities of these two varieties into one variety we would surely have a breadwinner. If in a week or two you think your crop is not coming on as fast as it should, it will do no harm to raise the night temperature a few degrees, providing you give plenty of air on all favorable occasions. The sun is so much stronger, and even on cloudy days the light is stronger than it was a month ago. There will be but few days when you cannot give some air during a part of the day, and by being liberal with air and food you can keep the growth strong and solid.

Better begin a mild form of forcing a month before Easter rather than to crowd them too hard during the last week or two and perhaps ruin your plants for future blooming. Easter is your last chance for high prices, and you can hardly afford to be off crop then, but it does not pay to ruin the plants even then, because good carnations are profitable way up to June and later.

Watch the Supports.

Keep them well supported. Some of them may be growing too tall for the supports and will need another, a taller support of some kind, or perhaps the numerous shoots will be growing up outside of the supports and you will need to go over them occasionally and put them back into the proper places. You cannot expect to cut blooms with long straight stems if they are not supported upright. They are bound to grow crooked if they lie all over the bench. Do not neglect disbudding, however busy you may be with other work, and do it as soon as the buds are large enough to handle safely. I know that nearly every grower is crowded with work now with his spring stock and often we think we can let such jobs as disbudding wait a few days while we do a lot of repotting, etc. The few days run into a couple of weeks and before we know it the buds are opening up and a crop of good blooms is just about ruined. If your carnations are doing well it would be poor business to allow them to go down in quality in order to put in your time on some other crop on which you expect to realize at some future time. We find that it pays to keep the quality right up to the highest possible point until we are ready to throw them out, or, in other words, it pays to throw them out as soon as they cease being profitable. Then you will not be wasting any time watering and merely keeping alive a lot of plants that are bringing in no money.

Those who grow spring bedding stock can use all the room they can get hold of from now on, and any bench that is in poor shape now might just as well be thrown out and used for more profitable crops. If you grow no spring bedding stock you can make good use of the room for your young carnation plants. If you can plant out of 3 and 3½ inch pots, instead of 2 and 2½ inch, it will pay you well to do so, especially if you want to house them early in the summer.

You will find lots of young weeds springing up now, and you must keep the benches clear of them. Most weeds are rank growers and strong feeders, and it does not take them long to impoverish the soil and leave little food for the blooming stock. A. F. J. Baur.

THE MARQUIS.

Your correspondent, A. F. J. Baur, speaks of the Marquis as a late variety. We have been picking Marquis since September with a constant and increasing crop to date and which will continue to increase till Easter when we shall have simply an immense crop with plenty of flowers thereafter until the plants are thrown out.

The Marquis makes absolutely nothing but flowering wood; therefore if it grows it flowers. It will flower as early as the grower permits. Of course this presupposes proper soil and other conditions as well as proper care. If Mr. B., or anyone else, has found the Marquis late it is because of improper treatment or conditions.

I will add that we finished planting the first house of Marquis Aug. 18th. Had they been housed by Aug. 1, we would have had flowers still earlier. After filling our orders for about 170,000 rooted cuttings we took what were left—practically the culls—were late in planting out, experienced the driest season for ten years, and consequently housed plants only about half size. Our Marquis have been earlier and more prolific than any other variety we grow.

Because a grower does not succeed with a new variety the first time trying he should not condemn it, especially if others do succeed; but rather should seek to learn the proper conditions and methods of culture required by that variety. I will take occasion to give, at no distant date, in detail our method of culture for the Marquis.

L. E. Marquisee.

NEW CARNATIONS.

We present herewith engravings from photographs of two more seedlings grown by Mr. Peter Fisher, Ellis, Mass. These two, in addition to the three illustrated last week, will be shown at Baltimore, making five new sorts of great promise. Mr. Fisher's descriptions follow:

No. 130 is a white ground penciled with pink; very chaste. A free, vigorous grower and bloomer; 3½-inch flowers on long, wiry stems; plant exceedingly healthy and of fine habit.

No. 270 is until the dull days of winter one of the very best pure white sorts. In the dark season the center is marked and shaded with pink; very chaste and a ready seller. The blooms run from 3 to 3½ inches, are of fine form and borne on stiff stems. It is very early and free and promises to be a summer bloomer.

MY EXPERIENCE WITH CARNATIONS DISSEMINATED IN 1900.

By John H. Taylor.

[Read before the New York Florists' Club.]

The century closes with a distinct advancement in the quality of the carnation; in fact, the new century is heralded in by what may prove to be an entirely new class of the divine flower, approaching more and more to the Malmaison type, for how can we compare anything previously grown in this country to that splendid flower Prosperity. Here we find size, shape, vigor, constitution, and with it all freedom of bloom. Seedlings from this carnation already show in a marked degree their parentage, and I have no doubt something very fine will be forthcoming from this carnation.

Boston has finally consented that the spokes and the rim of the universe shall after paying due toll enjoy with the Hub that grand flower, Mrs. Thomas W. Lawson. This is another carnation that stands in a class by itself. This fall, however, owing to its short stems, it has proved rather disappointing. This may have been due to the season or treatment, as I have seen it very fine in the fall in Boston. For a large flower it is very prolific, a good keeper and a very popular variety with the flower-loving public. It requires very little tying, as the stems are very stiff and strong and are now of good average length. These two carnations mark a period of great advancement in carnation culture and come up very nearly to John Thorpe's prophecy of the four-inch flower.

We now come to four carnations which, although they cannot be classed with the two just mentioned, have great individual merits and may prove good paying varieties. The only one so far to show itself a winner is Genevieve Lord. Like one of its parents, William Scott, it is a strong grower, a free bloomer, with strong, long stems requiring but little support, in color a most delicate pink. As a market bloom it finds instant favor, showing the public appreciate its good

Peter Fisher's No. 270.

qualities. Its principal fault is the size of the bloom; with me it is no larger than Scott. As a commercial variety I should consider it one of the best.

Ethel Crocker. Here most of us have been badly disappointed. Whether it is due to soil, hot summer, or dull winter, we cannot tell, but so far she has proved herself a dismal failure. The flowers when perfect are beautiful, but the larger proportion come split, are one-sided and poorly colored. With me it is also very late and very shy—in fact, altogether too modest to give us the benefit of her charms.

The Marquis. A noble name and a most beautiful flower, very large and perfect, lacking, however, so far the necessary qualities to make him valuable as a commercial bloom. In constitution I have found him delicate; he is of a very retiring disposition and believes in short hours and half year's work.

Olympia, a beautiful flower, is delicate in constitution this season and so far has shown herself to be very loath to impart her favors.

These varieties, I believe, comprise the cream of this season's introductions; they are all an advance type and may next year prove to be all that was claimed for them by their introducers. To give an illustration, how little can be judged by a one year's trial of a novelty which as a rule is weakened by over-propagation, we will take Mr. Ward's General Gomez. Most carnation growers discarded it in favor of General Maceo, and even Mr. Ward has only a small bed of it now. Yet if Mr. Ward should never give us another carnation he would deserve the thanks of all lovers of carnations, especially the grower, for here we have what was badly needed, a crimson carnation with constitution, size, a prolific bloomer and one of the best sellers. It is therefore wise, gentlemen, not to be in too much of a hurry to decide on the merits of new favorites. Study their habits and find out if possible the conditions best suited to their taste in order to bring out their best qualities.

In concluding, I think, from what little I have observed since coming back to growing carnations, that the varieties we are growing are like the thoroughbred horse, dog or any other animal brought to great perfection. They need good shelter, and the most intelligent care. If weakened by improper culture they are easily attacked by all forms of disease. In other words, they cannot stand rough usage, neglect or too much forcing. Give them good care in the propagating bed, in their treatment before planting and do not lift or plant them as if they were so many weeds. The carnation of today will pay you well if properly handled, and I have no doubt in a few years the plan of growing carnations will follow the chrysanthemum and the violet.

AMERICAN CARNATION SOCIETY

The American Carnation Society holds its annual convention Thursday and Friday of this week in Baltimore. A full and complete report of the proceedings, together with numerous engravings from photographs of the displays at the exhibition, will appear in our next issue.

CHICAGO.

The Market.

There is little change from last week in market conditions. Shipping trade has been good and local demand has also improved so that the supply is being well taken care of and prices are firm. There were heavy demands from the south during the week on account of Mardi Gras, which helped materially. At the same time white continues in best demand indicating a continuance of the call for funeral flowers.

Up to time of this writing the advent of Lent has made no noticeable change in conditions and the feeling is general that the Lenten season has yearly less influence in curtailing demand. On Tuesday of this week tea roses were bringing from $8.00 to $10.00, the best fancy carnations $4.00, good fancy $3.00, and good ordinaries $1.50 to $2.00. It is thought that the present cold snap will probably shorten supply somewhat so even if demand does fall off during the early days of Lent there is no danger of a serious surplus. Of Beauties there are none too many long and medium but plenty of short. Smilax is scarce.

Various Items.

At the meeting of the Florists' Club last Friday evening papers were read by Edwin A. Kanst and Emil Buettner, which will be found elsewhere in this issue together with the discussions on same. Mr. Kanst was elected a member of the club. Mr. Challenge Ventilator Evans was a visitor.

During his remarks Mr. Buettner criticized the retailers for not stimulating the sale of flowers by presenting them to the public in a more attractive way, and it was decided to take up the subject at the next meeting, Mr. Buettner finally promising to be present and give his views at length for the benefit of all. No doubt the retailers will improve the opportunity to present their side of the case and an interesting session is assured. The program for next meeting also includes papers by Edgar Sanders and August Dresel on the progress in the trade during the last twenty years.

It is reported that a leading society lady recently sent a request to all the principal florists for samples of flowers they would recommend for decorating a luncheon table. No one got the order but the society lady managed to make an effective decoration from the samples. This evidence of thrift has made a deep impression upon the victims and future requests for "samples" will be treated with cold suspicion.

Weiland & Risch will move into the basement of 59 Wabash Ave., May 1 and will have about three times their present room. Including present and prospective tenants this basement will have a total of seven wholesale establishments that can be visited by passing from one to the other.

Weiland & Risch have contracted for material for building four new houses each 33 1-3x200 feet. They will have Garland iron gutters, the woodwork will be supplied by the Jno. C. Moninger Co., and the ventilating apparatus by the Quaker City Machine Co. Construction will commence as soon as frost is out of the ground.

By the way, the best price obtainable now on A glass is $4.68 per box, and the best price on 4-inch cast iron pipe is 13 cents per foot.

Mr. E. E. Pieser, of Kennicott Bros. Co., is again under the doctor's care. There has been considerable illness among the craft this winter.

Larry Kelly is now in the newspaper business as a side issue, being business manager of a paper published in the interest of the Royal League.

GOLF ALL WINTER IN FLORIDA.

The distance only 32 hours if measured by the Chicago and Florida Special, which leaves Chicago Union station 12:00 noon Tuesdays and Fridays via Pennsylvania Short Lines. This elegant new train of Pullman dining, sleeping and observation cars is only one night on the way. For special information apply city offices Pennsylvania Lines, or H. R. Dering, A. G. P. Agt., 248 South Clark street, Chicago.

PHILADELPHIA.

Various Items.

Business fairly hummed last week. Stock was more plentiful, despite the cold. Thanks to glorious sunshine, the quality was way up, there being a crispness and vividness about the colored flowers that did one's heart good to see. Prices ruled about the same as the week before, with very heavy business. The exceptions were Beauties and bulbous flowers. The former were not especially in demand, and prices fell in consequence of rather increased supply; while tulips and daffodils were a little overdone, chiefly in the commoner sorts, fancy grades going well. St. Valentine's day helped the violet market in a way that was much needed. The second assembly brought out more choice bouquets than for several seasons. Sweet peas are becoming more plentiful and can be had with reasonable certainty from now until the close of the season. Lilacs have been quite a factor.

The plant market has been fairly brisk. The strong sunshine has improved the quality of the blooming stock, which is now quite profuse.

The air is full of rumors of changes. So-and-so won't grow this next season, but he will grow that, we are told. This is a good sign; it shows that the days of careless business methods among the growers are fast going. Records are kept and acted upon. Another point of interest is that the large growers are more than ever becoming specialists. It is not rose or palm grower now; it is grower of two or three kinds only of roses, or a like number of varieties of palms that we see about us. How far we can safely travel on these lines is a problem.

PHIL.

BUFFALO.

There is little of any great moment happened in this quiet town of late. We escaped the great storm that has visited our state from Lake Ontario to the Pennsylvania line and from Rochester east to Albany, but we felt the effects of it several days, for trains were delayed many hours and in some cases abandoned.

Valentine's day caused a ripple in the demand for violets, several of the Main street stores enticing the love stricken of both sexes with beautiful little boxes of flowers. A large, healthy heart pierced with an arrow was the favorite design. A few years later a pair of pants with empty pockets will be more emblematic for many of these serious cases.

Prof. John F. Cowell leaves for the West India islands about the 21st. His destination is Jamaica and Porto Rico and perhaps Cuba. I hope he will find some good subjects for his fine houses. He intends to take a good supply of snake bite antidote, which, if of the right quality, will also save him from malaria and yellow fever.

We had a visit yesterday from Mr. J. D. Eisele and Mr. Strohlein, of Riverton, N. J. Most of the day was spent at the Pan-American, and nearly every part of the ground was tramped over. There is such a mantle of snow covering the grounds that the landscape features have to be imagined, but every visitor now is charmed with the architecture and coloring of the many beautiful buildings.

Mr. J. C. Spencer, of Utica, and another florist friend whose name I am sorry to have forgotten, arrived this morning just for a look over the Buffalo establishments. As I found at noon that Mr. Palmer was taking them out to his large place their journey will be repaid, for Lancaster is now producing some grand roses and carnations.

This whole western New York will not, I believe, contribute anything to the great show at Baltimore except our friend Marquisee. I hope he will be there to make his "Mark-u-see" (not original).

Among carnations that you don't hear much about, but which is acting remarkably well with us, is the pure white good flower "Peru." Keep your eye on it.

We shall go five strong to the city of forty hills and look forward to the oysters and things very much. W. S.

BOSTON.

Trade Conditions.

The cold weather near the beginning of the week produced its effect quickly in shortening floral crops, which for a few days previous had seemed to have a decided leaning toward "expansion." Even violets felt the effect, and if there is any glass-grown crop that was able to stave off the feeling of contraction it must be the yellow bulb material which is arriving in very generous shipments. But there is no decided stringency in any part of the business, and at the present time (Saturday, February 16), a decidedly warm wave is arriving, so that the coming week will not in the least lack for flowers of any kind. St. Valentine's day helped much in emphasizing the moderate cut of blossoms by its large demand for everything, and its especially heavy use for violets. Florists, themselves, did not send flowers for valentines in all cases, as proven by the fact that one young floral artist printed "You are a" upon a card, fastening underneath a live four-inch lobster, and dispatched the whole combination by messenger to another florist for whom he felt the corresponding degree of affection. The language of lobsters seems to be as expressive as that of flowers.

Various Notes.

The Liberty rose, of which little has been seen for two or three months, has begun to make its presence seen (and smelled) in the market. The present representatives wear rather short stems but superb blossoms. But their appearance somewhat nonplusses the Meteor except in those cases where the better keeping qualities of the latter come into play. It is generally predicted that the new one will not be able to displace the old as a general all-the-year favorite, however.

Comprehensive circulars concerning the March 9th exhibition at the Park street market are out and should be in the hands of every live grower.

The new positions of our wholesale establishments create a new paradox in the already intricate meshes of the business. In order to reach either one of the two of them you can go down Franklin street to Hawley street. A turn to the right takes you to McCarthy's where you can not get left, and a turn to the left for an equal distance takes you to Sutherland's which is also right. You will note it is a case where you must "Let not thy right hand know what thy left hand doeth." Both of them are in greatly improved quarters, Mr. McCarthy having moved his spacious offices to make more available room.

The need of two phones at the Park street gardens is thoroughly proved by the regularity with which one rings while the other is in use. By the way, Sutherland's old number of "Boston 1270" has been transferred to the line at his new place in order to save us all the trouble of memorizing a new one.

J. S. MANTER.

ST. LOUIS.

Club Meeting.

The regular monthly meeting of the St. Louis Florists' Club was held on the 14th, with twenty members present. It was by far the most interesting meeting the club has held for some time. The show of roses was a failure owing to the shortage; all growers seem to be off-crop. J. F. Ammann, of Edwardsville, was the only exhibitor for the prizes, he showing a fine vase of Brides, Maids and Perles, which was given the first prize. Albert F. Tesson had on exhibition a fine vase of Golden Gates, which was given special mention.

The exhibition committee made its final report and was discharged with thanks. A letter was read from Secretary Herr inviting the members to attend the carnation show to be held at Baltimore this month. A letter was also received from W. C. Kay, secretary of the Toronto Florists' Club, asking for information in regard to making its meetings more interesting to the members. Our secretary was instructed to write our Toronto brothers how we do it.

The office of one trustee was declared vacant and Dr. A. S. Halstedt was elected to serve out the year.

Mr. Beneke read his essay on "Some Requirements for the Elevation of Our Business," which appears elsewhere in this issue. The other essay was by F. C. Weber on "Cut Flowers for the Florists' Use Other Than Chrysanthemums, Roses and Carnations." Mr. Weber was not able to be present, but sent his essay down and it was read by one of the members of the club. The two essays were well received with a vote of thanks.

At the next meeting of the club essays will be read by Carew Sanders, Robert F. Tesson and H. G. Berning. These will no doubt be very interesting and should bring out a large attendance.

Question Box.

The question box brought out a great discussion on the question of "How Are Liberty Roses Doing?" Messrs. Ammann, Fillmore and Guy thought it a grand rose, worthy of further trial, though at present they say it is a great rester. Mr. Guy said Frances Joost was the best pink carnation, much better than Scott and that better prices were obtained for it. Messrs. Ammann and Emundt were of the same opinion. As to Crocker and Lord, they claim that Lord is much the better of the two. In the discussion on Harrisii lilies for Easter, all claimed that the loss would be about 8 per cent.

Mr. H. G. Ude was asked how his new white seedling carnation was getting along and replied that he would have to discard it, owing to rust. Mr. Emundt got up and congratulated Mr. Ude for not putting it on the market to soak some poor unfortunate brother florist.

The next meeting of the club will be a miscellaneous flower show, which will be

held on the afternoon of March 14 at 3 o'clock.

The Market.

Business of late has been very good. There has been a decided scarcity of good Brides, Meteors, Bridesmaids, and Beauties. At present they are coming in better owing to the fine warm weather we have been having the past week. Thursday, St. Valentine's day, was exceptionally good for the florists, nearly all of whom were busy. Commission men say the same, they having plenty of shipping orders which kept them late at night. This morning (Monday) found only a limited supply of roses coming in, which were all disposed of in short order.

Beauties are still $3 and $4 per dozen for the choice ones; Meteors, $5 to $10 per 100; extra fine Brides and Maids bring $8 and $10, seconds from $4 to $6; Perles, $3 and $5; Golden Gates, $8 and $10; Woottons, $4 and $6.

Carnations have shortened up a little, still plenty come in. None of the fancy ones are sold under $3, but the bulk of the stock is sold at $2, with the demand heavy. Flora Hill and White Cloud take the lead in white, with Joost and Scott in pink. Daybreak always sells well, and Crane has the call in red.

In bulb stock, Romans have shortened up somewhat and sell at $2 and $3; paper whites, $3; freesias, $1.50; tulips, $3; valley, $3 to $4; Harrisii, $2 per dozen; callas, 10 to 15 cents each; daffodils, single and double, are selling slowly at $2 and $4.

Violets are coming in fine and are plentiful. Best Californias bring 40 cents; Princess of Wales, 50 cents; but can be bought much cheaper in 1,000 lots. The southern violets don't sell well long side of the home grown stock and are sold for almost nothing. Quite a few sweet peas are coming in, but they sell slowly at $2 per 100. Adiantum, asparagus and smilax sold well the past week owing to a number of large dinners, weddings and receptions that are taking place now just before Lent sets in.

Notes.

Fred Hucke has opened a floral store at 4579 Evans avenue. He is no relation to Bill Hucke of Belleville.

Mr. B. Eschner, of M. Rice & Co., Philadelphia, was a visitor the past week. Mr. Eschner is well satisfied with the business on his present trip.

Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, is in town selling florists' supplies.

Quite a few of our florists are having some trouble with la grippe, among those most affected are Charlie Kuehn, Henry Berning, John Kunz, Frank Fillmore, Robert Beyer, and your correspondent.

Bowling.

The bowling club rolled four games Monday night, only six members being present. Our visitor was E. W. Guy, of Belleville, who rolled four good games. Kuehn, Miller, Sanders and Ellison are laid up with the grip and could not be present. The first meeting night in March will be ladies' night, and all members are requested to bring the ladies. Refreshments and bowling will be the order of the evening. The scores of Monday were as follows:

	1	2	3	4	Tot.	Av
J. J. Beneke	123	149	182	159	633	158
E. W. Guy	154	142	136	157	569	142
Will Adels	135	122	133	151	541	135
J. W. Kunz	135	158	120		394	131
F. M. Ellis	143	106	97	120	468	132
John Young	130	165	115	119	528	132
F. C. Weber	110	132	122	133	548	129

J. J. B.

Special Bargains.

We are headquarters for the following:

All plants quoted from 2½-inch pots, except where noted.

Asparagus Plumosus Nanus, $4.50 per 100; $40.00 per 1000.
Asparagus Sprengeri, $2.50 per 100; $20.00 per 1000.
Acalypha Sanderii and Triumphans $3.00 per 100; $25.00 per 1000.
Azaleas, 12-inch heads, best varieties, $4.00 per dozen.
Boston Ferns, $3.00 per 100; $25.00 per 1000.
Crotons, finest assortment, $3.00 per 100, $25.00 per 1000.
Calla Lilies, blooming bulbs, 75c per dozen; $6.00 per 100.
Cannas, all the leading varieties, well established in pots, $5 00 per 100.
Camellia Japonica, 20 inches in height, assorted colors, 50c each; $5.00 per dozen.
Coleus in all the leading varieties, $2.50 per 100; $20.00 per 1000.
Geraniums, double and single varieties, the very best, $3.00 per 100; $25.00 per 1000.
Hibiscus, 10 sorts, $2.50 per 100.
Heliotropes, $2.50 per 100; $20.00 per 1000.
Pondorosa Lemons, bears fruit two pounds and up, an ideal pot plant. It blooms and fruits when quite small. $1.00 per dozen; $7.00 per 100; $60.00 per 1000.
Otaheite Orange, $3.00 per 100; $25.00 per 1000.
Moon Vines, $4.00 per 100.
Roselilies, the two new sorts, $2.50 per 100.
Smilax, $2.00 per 100; $17.50 per 1000.
Salvia Splendens, $2.50 per 100.

Lemon Verbena, $2.00 per 100.
Tuberoses, first class bulbs, 75c per 100; $6.00 per 1000.

Roses, all the leading varieties, Teas, Hybrid Teas, Climbers, from 2½-inch pots, $2.50 per 100. Hybrid Perpetuals, $4.50 per 100. Strong roses from 4-inch pots — Teas, Sc; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c.

Send us your list for special quotation. Our wholesale price list just out. Write for it to-day.

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THE LARGEST ROSE GROWERS IN THE WORLD. SPRINGFIELD, OHIO.

Mention The Review when you write.

CADILLAC, MICH.

About 100 miles north of Grand Rapids, on the G. R. & I. railway, is situated one of the loveliest cities of its size in Michigan. Formerly a great pine lumbering district, the vast quantities of hardwood in this region are now being cut and manufactured, one of the largest hardwood flooring factories in the world being located here.

Although a city of more than 6,000, little interest has been taken in floriculture until recently. The short seasons do not yield profitable returns for the labor expended. Taking advantage of disadvantages, the local florist, A. W. Tweedie, is building up a good business. During the past season he has firmly planted both feet in a very desirable location and is constantly busy improving his new quarters. His houses are at once unique as well as substantial structures. Becoming possessed of several thousand photographers' negatives, he has converted them into serviceable material at about one-tenth the expense of new glass and without any assistance has constructed all his buildings.

His stock consists of miscellaneous plants in good condition. To supply the cut-flower trade he ships his stock from Grand Rapids, and "they say" Grand Rapids florists will have to get a hustle on them if they improve on the floral designs turned out by him. However, he speaks a good word for the quality of stock furnished him by Crabb & Hunter. He will grow his own carnations another year.

One would expect to find great quantities of snow here, but Cadillac has escaped the big storms thus far, and only has enough of the beautiful to make good sleighing. Rod.

Always mention the Florists' Review when writing advertisers.

LETTUCE, Big Boston and Boston Market, and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10c per 100.

CABBAGE, Wakefield and Succession, 25c per 100; $1.25 per 1000. If by mail add 20c per 100.

TOMATO, Mayflower, Dwarf Champion and Lorillard, 50c per 100, post paid. Nice size for potting.

CAULIFLOWER. Snowball, 35c per 100; $2.50 per 1000.

Cash with order. Other **Vegetable Plants,** also **Flower Plants.** Send for list.

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Carlson's Improved Aster Seed.

Pure White, Rose Pink and Dark Lavender, each, per ounce..... $1.00
Large Trade Packet, each..... .75
Small Packet..... .50
Seeds will be mixed when desired at same prices.

It is believed this variety produced the largest flower-heads of any variety, reaching to 5 inches in diameter, according to fertility of soil and method of pruning.

Price to Trade given on application.

All orders accompanied by Express Money Order, Post-Office Order or Registered Letter will be promptly filled by **O. S. HEFFRON,** at **Washington Heights Station, Chicago, Ill.**

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PANSIES and VERBENAS

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—S. A. Nutt, Grant, Red Bruant, Pink and La Favorite, 2½-in., $2 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100, 5-in., $3 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

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Our stock of the useful every day sizes of Palms is larger and more complete at the present time than it has ever been at this season of the year, and stocks offered below will be found of excellent value and give complete satisfaction.

ARECA LUTESCENS.	Doz.	100
5-inch pots, 4 plants in a pot, 18 to 20 inches high	$ 5.0	$ 40.00
6 " 3 " " 20 "	9.00	75.00
6 " 3 " " 24 "	12.00	100.00
8 " 3 " " 36 "	36.00	

KENTIA BELMOREANA.	Each.	Doz.
6-inch pots, 6 leaves, 24-inches high	$ 1.25	$ 15.00
6-inch pots, 6 to 7 leaves, 28 inches high	1.50	18.00

KENTIA FORSTERIANA.	Each.	Doz.
6-inch pots, 5 to 6 leaves, 24 to 28 inches high	$ 1.00	$ 12.00
6 " 6 " 28 to 30 "	1.25	15.0
8 " 6 " 30 to 36 "	1.50	18.00
7 " 6 to 7 " 30 to 36 "	2.00	24.00
7 " 6 to 7 " 36 to 42 "	2.50	30.00
9 " 7 " 60 "	7.50	
12 " 6 to 7 " 6 feet high	10.00	
12-inch tubs, 6 to 7 " 7 to 8 " "	12.50	
12 " 6 to 7 " 7 to 8 " heavy	15.00	
12 " 6 to 7 " 8 to 9 " "	25.00	

LATANIA BORBONICA.	Doz.	100
6-inch pots, 5 to 6 leaves, 15 to 18 inches high	$ 6.00	$ 50.00
6 " 5 to 6 " 18 to 20 "	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high ..... $1.50 each 9-inch pots, 42 inches high ..... $3.00 each
8 " 36 " ..... 2.50 " 10 " 48 " ..... 4.00 "

KENTIA FORSTERIANA.

HENRY A. DREER, 714 Chestnut Street. **Philadelphia.**

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Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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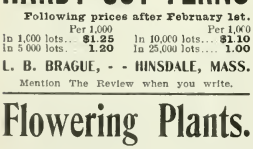


FANCY DAGGER

HARDY CUT FERNS

Following prices after February 1st.

Per 1,000	Per 1,000
In 1,000 lots.. **$1.25**	In 10,000 lots.. **$1.10**
In 5 000 lots.. **1.20**	In 25,000 lots.... **1.00**

L. B. BRAGUE, - - HINSDALE, MASS.

Mention The Review when you write.

Flowering Plants.

	Per 100
Ageratum Princess Pauline....2-in.,	$2.00
White Paris Daisy ..... "	2.00
Geranium, Double Red..... "	2.00
Heliotrope ..... "	2.00
Abutilon, Trailing ..... "	3.00
Tradescantia, several sorts ... "	2.00
Alyssum, Double Giant ..... "	2.00

Over 100,000 Herbaceous Plants.

Cash Please.

EDWARD B. JACKSON,

HARTFORD, CONN.

Mention The Review when you write.

Gibson City, Ill.—The Swan Peterson Floral Co. has been incorporated, with a capital stock of $30,000. The incorporators are Swan Peterson, W. H. Simms and W. A. Hoover.

50,000 Carnation Rooted Cuttings READY TO SHIP.

	Per Doz.	Per 100	Per 1000
A. Mitting, 1901, clear light cream	$1.50	$10.00	$75.00
Mrs. A. Mitting, clear pink, 1901	1.50	10.00	75.00
DeRoo Mitting, white tine, 1901	1.50	10.00	75.00
Sunbeam (C. C. Co.) 19 1	1.50	10.00	75.00
Bon Homme Richard (C. C. Co.) 19 1	1.50	10.00	75.00
Nydia (C. C. Co.) 1901	1.50	10.00	75.00
Prolifica (C. C. Co.) 1901	1.50	10.00	75.00
California Gold (Hill), 1901	1.50	10.00	75.00
Avondale (Hill) 1901		4.00	30.00
Queen Louise (Dillon), 1901	1.50	10.00	75.00
Irene (Crabb & Hunter), 1901.	1.50	10.00	75.00
Lorna (Dorner), 1901	1.50	10.00	75.00
Mermaid (Dorner), 1901	1.00	6.00	50.00

6 at 12 rate. 25 at 100 rate. We guarantee A No. 1 Cuttings to arrive safe.

We Root 5,000 Carnations a Week.

	Per 100
Mrs. Thos W. Lawson, cerise pink	$4.75
Olympia, variegated	4.00
The Marquis	4.00
Glacier	1.50
Genevieve Lord, light pink	4.00
Ethel Crocker, light pink	3.00
Mrs. G. M. Bradt, variegated	2.00
Peru, white	2.50
Gen. Gomez, dark red	1.25
White Cloud, white	1.25
Mrs. F. Joost, pink	1.50
Flora Hill, white	1.20
Argyle, pink	1.20
Melba, light pink	1.25

...PLANTS...

	Per 100
Boston Fern, 4½-in	$5.0
True Boston Fern, 3½-in	5.00
True Boston Fern, extra strong, 2½-in	3.00
20,000 Alternantheras, red, also pink, strong, 2½-in	1.50
10,000 Sedum variegatum, 2½-in	1.50
10,000 Cigar plants, 2½-in	1.50
30,000 Coleus, 10 named varieties, 2½-in	1.50
5,000 California Moss, for baskets, 2½-in	1.50

25 Plants at 100 rate.

	Per 100
5,000 Asparagus Nanus, 3-in	$5.00
5,000 Asparagus Sprengeri, 3½-in	4.00
5,000 Jerusalem Cherries, 2½-in	1.50
5,000 Mix Begonias	1.50
Smilax, from flats	.25
Salvia Clara Bedman, 2½-in	1.50
Iresines, red, 2½-in	1.50
New Geraniums, DeRoo Mitting, with yellow leaves and double scarlet bloom, 25c each	20.00

Cash or C. O. D.

CARNATION SIDE PIPS.

Morning Glory	per 100,	$1.75
Gen. Maceo	"	1.00
America	"	1.00
Glacier		.75
Mary Wood	per 100,	$ .75
Gold Nugget	"	1.00
White Cloud	"	.75
Evelina	"	.75

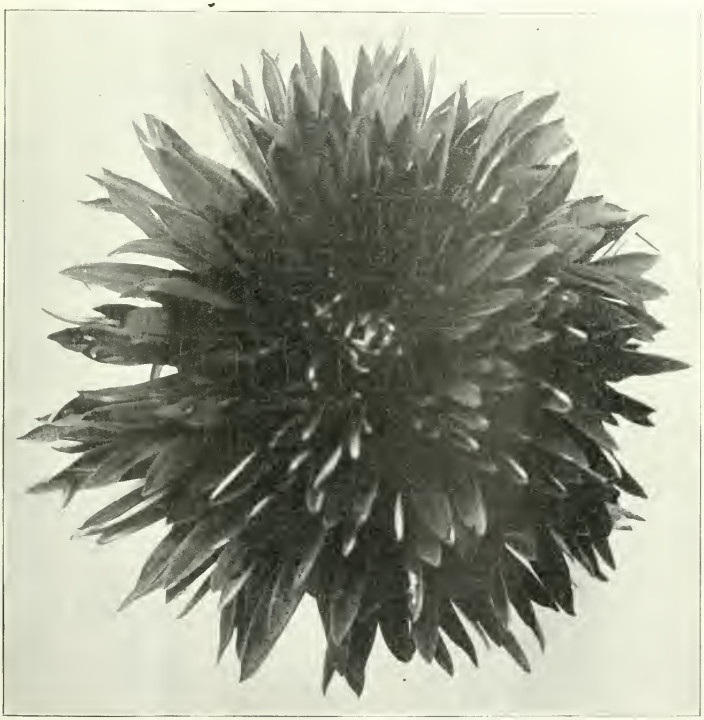
THE MORRIS FLORAL CO. Morris, Ill.

Mention The Review when you write.

Burpee's Seeds Grow

Malcolm Lamond

THE RED CHRYSANTHEMUM THAT DOES NOT BURN.



It grows 2½ feet high and is perfectly self-supporting; beautiful foliage, a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's Certificate and was awarded 91 points by the Philadelphia committee.

Price 35c each; $3.50 per doz.; $25.00 per 100.

JAMES NIVEN,

Thermal Vale Nursery, OAKLAND, CAL.

GRAND RAPIDS, MICH.

Various Items.

We are having some genuine winter weather, a heavy snow storm followed by 12 degrees below zero, made the coal bins groan. After a period of excessively cloudy days we got two remarkably sunshiny ones and so strong was the contrast that the pink varieties of carnations faded and streaked perceptibly, even Lawson being affected.

Business continues remarkably good and there is such a scarcity of flowers, particularly carnations, that large orders cannot be filled at all and small mixed orders as close as the stock on hand will permit. White carnations seem to be in greatest demand and are consequently scarcest; same in roses, white cannot be had for love nor money. The past week has been as busy as the holidays, particularly Valentine's day, with this exception, prices remained the same, while on the other hand it seemed, more difficult to fill orders than at Xmas because there was less stock. The only flowers in large supply are bulbs and violets. Speaking of violets, the past winter has shown the value of the Imperial over Marie Louise and Farquhar. It is the same color, requires the same treatment exactly, yet it is of a stronger, sturdier growth, can stand more hardships than the other dark ones, produces just as freely, and far superior flowers on longer and better stems and just as soon as its qualities are understood by the violet growers, it will be the only dark variety grown.

Prices of flowers remain the same except in roses which are $1.50 per dozen as a rule, rather than $1; carnations, 35 to 50 cents per dozen; lilies, $2 per dozen; Beauties, $3 to $5 per dozen, while violets range from 15 to 20 cents per dozen.

There has been a lull in the interest taken in the Baltimore meeting, hardly time to think of it, and it looks now as if but two would tear themselves away and attend. Geo. F. Crabb and Henry Smith will certainly go while Hanna and Chadwick will likely remain at home. Geo. F. Crabb.

OCEANIC, N. J.

Monmouth Co. Hort. Soc.

The fourth annual ball of the Monmouth County Horticultural Society was held in Red Men's Hall, Oceanic, N. J., Friday, Feb. 15.

Rob. Beaty lead the grand march at 9:30, in which ninety-two couples took part. The society's ball is always one of the great events of the season but this year's beat the record of any held in this vicinity. The upper twenty-five of Oceanic and surroundings were represented. At 12 o'clock 200 sat down to supper. Hugh Birch did the comical act to perfection as usual; and when the band played "Home, Sweet Home," every one could find his home without a lantern. B.

Santa Monica, Cal.—The Ocean Park Floral Co. has been incorporated with a capital stock of $25,000, of which $6,000 has been subscribed, by E. J. Vawter, Isabelle L. Vawter, Florence M. Leavitt, May E. Leavitt, Jane Cravens Vawter, Emma K. Vawter and E. J. Vawter, Jr.

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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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CHICAGO, ILL.
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76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale Ill
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F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
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A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WEILAND-AND-RISCH
CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF..
CUT FLOWERS,
59 Wabash Avenue, CHICAGO.
SEND FOR WEEKLY PRICE LIST.
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Wholesale grower of and dealer in
CUT FLOWERS.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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WHOLESALE FLORIST,
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The Cincinnati Cut Flower Co.,
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Consignments Solicited.
Special Attention given to Shipping Orders.
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FRANK M. ELLIS,
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Shipping orders receive prompt and careful attention.
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McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

SEND FOR OUR 1901 CATALOGUE.

45-47-49 Wabash Ave., CHICAGO.

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NEW GERANIUM LITTLE PINK

Or Double Pink "Mars," one of the best novelties of the Mars family. The first double of this class ever offered to the trade. It is a very dwarf, bushy, compact and extra free blooming variety, not exceeding 4 to 6 inches in height. Its trusses a pleasing shade of bright pink, upper petals white at the base. Unlike Mars or America in color, it has no trace of salmon shading. Its miniature trusses stand erect, 3 to 6 inches above the foliage. It is excellent for bedding, for the border, or as a pot plant. Too much praise cannot be given this grand little pink variety. Price $5.00 per doz., $35.00 per 100. Half-tone cuts will be furnished free of charge for catalogue. Correspondence solicited. Orders booked now for fall and winter delivery. Received certificate of merit at the New York Convention of the Society of American Florists.

W. E. HALL - CLYDE, OHIO.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.**

TRY US.

BRANT & NOE 124-128 Sixth Street N.

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

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Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

JOHN WELSH YOUNG,

Germantown, Philadelphia, Pa.

Upsal Station, Penna. R. R.

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TOMATO PLANTS.

Beauty, in 3-inch, large and strong... $2.00 per 100.
Lorillard, in 2½-inch... 2.00 "
Lorillard, transplanted plants... .50 "

Lettuce, Silverball, 15c per 100; $1.25 per 1000.

Cabbage Plants, Wakefield, ready March 1st.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

Mention The Review when you write.

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$6.00 to	$8.00 per 100
Good " "	5.00 to	6.00 "
Perles	4.00 to	5.00 "
Meteors	6.00 to	8.00 "
Roses, our selection		4.00 "
American Beauties—		
Long	5.00 to	6.00 per doz.
Medium	3.00 to	4.00 "
Short	1.25 to	2.00 "
Callas and Harrisii	1.50 to	2.00 "

Carnations, fancy	$3.00 to $4.00 per 100
" fine	1.50 to 2.00 "
" our selection	1.25 "
Smilax	1.50 to 2.00 per doz.
Ferns, Adiantum	1.00 to 1.25 per 100
" Common	1.50 to 2.00 per 1000
Galax Leaves	1.50
Lily of the Valley	2.00 to 5.00 per 100
Roman Hyacinths	3.00 to 3.50 "
Violets	.40 to 1.00 "
Paper White	2.00 to 3.00 "
Asparagus	60c per string
Leucothoe Sprays	75c per 100
Tulips	$1.00 to $1.50 per 100
Daffodils	3.00 to 4.00 "
Freesia	3.00 to 4.00 "

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

ROOTED CUTTINGS AND POT PLANTS.

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Fuchsia, 8 varieties	1.50
" Sunrise	2.00

	Per 100
Fuchsia, Trailing Queen	$2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.25
Ivy Kenilworth	1.00
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Manettia Bicolor	1.50
Pelargonium, Mixed	3.00
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

GERANIUMS.

	Per 100
Best bedding varieties	$2.00
Dr. Livingston, Mrs Taylor, Bronze Named, Freak of Nature, Happy Thought and Mme. Bruant	2.00
P. Crozy, one of the finest, scarlet bedders	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, mixed	1.50
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00

New Set of 20, post paid, $1.00

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Variegated, 2¼-in	4.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	4.00
Coleus, 2-in	3.00
Cineraria, 2¼-in	3.00
Daisy Snowcrest, 2¼-in	4.00
" 3-in	6.00

	Per 100
Fuchsia, Tr'ng Queen, 2¼-in	$4.00
Forget-Me-Not, 2¼-in	3.00
Geraniums — Bronze, Silver Leaf, Freak of Nature, etc., 2¼-in	4.00
Mrs. Parker, 2¼-in	6.00
Common Named, 2¼-in	3.50
L'Elegant Var. Ivy, 2-in	6.00
Hydrangea, P. & W. 3-in	6.00

	Per 100
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var. 2¼-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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Wholesale Florists,

RICHMOND, INDIANA.

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Perle Roses

We have a large stock of **Fine Perles** in 2, 2½ and 3-inch pots. We need room and will make special prices to move them. All orders filled in rotation. Write for prices on large or small lots.

Have over 10,000.

GEO. A. KUHL, PEKIN, ILL.

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American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., **Philadelphia, Pa.**

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Young Palms for Growing On

Sizes and varieties offered below are probably the cleanest, thriftiest and best valued plants we have ever offered; all are in condition for immediate potting on, and will prove a paying investment to anyone having room to handle same.

ARECA LUTESCENS

			Per doz.	Per 100.	Per 1000.
4-inch pots,	2 plants in a pot,	15 inches high,	$3.00	$25.00	$200.00
5 "	3 and 4 "	18 to 20 "	5.00	40.00	350.00

KENTIA BELMOREANA

2½-inch pots,	3 to 4 leaves,	8 inches high,	$1 50	$12.00	$100.00
3 "	5 leaves,	10 to 12 "	3.00	25.00	200.00

KENTIA FORSTERIANA

2½-inch pots,	4 leaves,	8 to 10 inches high,	$1.50	$12.00	$100.00
3 "	4 to 5 leaves,	10 to 12 "	2.50	20.00	180.00
4 "	4 to 5 leaves,	15 "	4.50	35.00	300.00

LATANIA BORBONICA Nicely characterized, stocky, perfect plants, of exceptional good value.

3-inch pots, 5 to 6 leaves, 10 to 12 inches high..... $1.00 per doz.; $8.00 per 100; $75.00 per 1000.
4-inch pots, 6 to 7 leaves, 12 to 15 inches high..... 2.50 " 20.00 " 150.00 "

PTYCHOSPERMA ALEXANDREA 5-inch pots, 5 to 6 leaves, 20 to 24 inches high, $3.00 per doz.; $25.00 per 100.

HENRY A. DREER, 714 Chestnut Street, **PHILADELPHIA.**

Mention The Review when you write.

OMAHA.

The Market.

The florists are enjoying a very good run of trade, the demand being good for everything. There have been several large funerals during the week, and the demand on St. Valentine's day was unusually large. While flowering plants have not sold as well as during the preceding week, this fault can be laid to impassable streets, caused by the snow of the past week.

Quality remains up to the standard in roses and carnations, though the supply is not what it should be. Almost every day purchasers are turned away because of the lack of carnations and good roses. But this condition will not last long, as good stock is in sight and a little good weather will help us out of the difficulty. Prices have changed little from last week except on Valentine's day, when prices held better, with violets a little higher.

The trade today (St. Valentine's) has been away ahead of calculations, and it was almost impossible to get stuff enough to go around, even after preparing for a heavy trade. The greatest demand seems to have been for violets, and I venture that our litt'e town got away with from 6,000 to 7,000 violets of all varieties; next in demand was naturally the carnation, but on account of scarcity buyers had to take roses, with Maids and Meteors in the lead. J. B.

MANCHESTER, N. H.—On the 1st a fire started in the boiler room at A. G. Hood's greenhouse and burned out the end of five houses, doing damage to the amount of $1,000 to the houses and stock. The houses were partially insured. In the spring Mr. Hood will build a modern range on Hanover street, having recently purchased ten acres of land on which he will build four houses each 200x25. He will also open an up-to-date flower store on Elm street.

DES MOINES, IA.—R. L. Blair reports that for St. Valentine's day there was a big call for red and pink roses and red, pink and white carnations. Not half the number of violets, Von Sions, Romans and valley sold as for the same day last year. Funeral work helped out somewhat on bulb stock. There was a considerable call for potted plants in bloom.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

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NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart; perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.

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Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

Mention The Review when you write.

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 Good Pansy Plants,

Price, $1.00 per 1000. f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR

BRONZE GALAX LEAVES, Delivered **NOW FREE**

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

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J. L. ELLIOTT'S

Pure Pulverized **Sheep Manure**

Pure Raw Bone Flour and Hardwood Ashes for sale.

Sample and price list mailed on application

Office and Factory... 645 Canal St., Bethlehem, Pa.

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BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Brianti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Brunet, Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties N X strong, 2½-in., $2.50 per 100.

VERBENAS, SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2-in. and 2¼-in., strong healthy plants, green as grass, full of cuttings, $1.50 per 100; $12.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100; $7.00 per 1000.

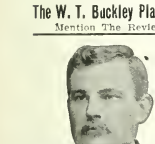
NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bennett, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.



CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth varieties, 60c per 100; $5.00 per 1000.

Alternanthera, red and yellow, 60c per 100; $5.00 per 1000

Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet, white; 60c per 100; $5.00 per 1000.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.0 per 1000

Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.

Verbena plants, 8 sng. full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000

Heliotrope, 2½-in., strong, fine plants, $3.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. THAT CASH, PLEASE.

C. HUMFELD, - Clay Center, Kansas.

Mention The Review when you write.

CARNATIONS.

Well Rooted Cuttings from Sand or Soil.

Ethel Crocker.....	per 100,	$3.00	per 1000,	$25.00
White Cloud	"	1.75	"	15.00
Flora Hill	"	1.75	"	15.00
Triumph	"	1.75	"	15.00
Mrs. James Dean....	"	1.00	"	9.00
Mayor Pingree	"	1.00	"	8.00
Wm. Scott	"	1.00	"	8.00

A few thousand of the above from 2½-in. pots. Write for prices. Cash with order.

C. AKEHURST & SON, White Marsh, Md.

Mention The Review when you write.

Hot Springs, Ark., Without Change,

You can leave Chicago in a through sleeper any day on the Wabash Fast Day Express at 11:03 A. M., and be in Hot Springs next morning at 9:00 o'clock. This is the only line via St. Louis operating a through sleeper from Chicago to Hot Springs.

Write for illustrated booklet giving full information about this popular health resort. Rates will be quoted and sleeping car reservations made upon request.

Ticket Office, 97 Adams Street.

F. A. Palmer, A. G. P. A., Chicago.

MONEY MAKING.....CARNATIONS.

Eleven varieties of 1900. Sixteen older standard sorts. Send for complete price list.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine.	$5.00	$40.00	Crocker	$2.00	$25.00	Cerise Queen	$2.00	$20.00
Guardian Angel	6.00	50.00	Peru	2.50	20.00	Edna Craig	1.00	9.00
Sunbeam	10.00	75.00	Prune	1.00	25.00	Gov. Grieves	1.00	9.00
Bon Homme Richard	10.00	75.00	America	2.50	20.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Brady	2.50	20.00	Daybreak	1.25	10.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	Armazindy	1.00	9.00
Irene	10.00	75.00	John Young	1.50	12.50	White Cloud	1.25	10.00
Mrs. Lawson	6.00	55.00	Argyle	1.00	9.00	Hill	1.00	9.00
Marquis	4.00	35.00	Evanston	1.00	9.00	McGowan	1.00	7.50
Genevieve Lord	4.00	35.00	Frances Joost	1.00	9.00	Evelina	1.00	7.50

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
Perle			$3.00 per 100; $25.00 per 1000.					

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready March 1st. Price, **$6.00** per 100; **$50.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alysum, $1.10 per 100. Begonias, 2½-in., assorted, $3.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write **S. D BRANT, Clay Center, Kans.**

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., **$2.00** per 100; 2nd size, 3 to 6 in. in circ., **$1.00** per 100. Small Roots or Sets, **50c** per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00
12 Plants	5 00	100 "	16 00
25 "	8 25	250 "	37 50
500 Plants	$ 70 00		
750 "	101 25		
1000 "	130 00		

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., Flatbush, N. Y.

PITTSBURG AND ALLEGHENY.

Club Meeting.

The Pittsburg and Allegheny Florists' and Gardeners' Club met in regular session at the Pittsburg Cut Flower Co.'s store on Thursday evening, Feb. 14.

The following officers were elected for the ensuing year: President, Wm. Falconer of Schenley Park; treasurer, Fred Burki, of Bellevue; secretary, our old stand-by, Langhans, of the Cut Flower Co.

There was on exhibition a vase of the new rose Queen of Edgely, which was donated for this occasion by the Floral Exchange. It brought out quite a discussion as to its color and usefulness for different classes of work, the majority of florists at the meeting thinking it not as useful as its parent, American Beauty, but still good as a new acquisition.

Mr. Blind had on exhibition a vase of Brides and Maids which were magnificent and brought out many words of praise; he also exhibited a vase of Marquis carnations that were much admired, but it is a late bloomer.

Mr. A. M. Herr sent a vase of his Ethel Crocker, which was very fine.

Mr. Koenig, the bulb king, exhibited a bunch of tulip blooms, which were highly appreciated, they having good stems and foliage.

Mr. Chas. Siebert gave a very interesting talk on the old-country method of forcing Holland bulbs for Christmas, which was very attentively listened to.

Several of the members will take in the carnation show at Baltimore.

We have been frost-bound for two weeks, and fuel so expensive!

Business is fairly good, and stock is good, considering our sunless weather.

Subject for next meeting, "What I Know About Palms," by J. Bader.

Mr. Hofmeister, of Seattle, Wash., was a visitor. N.

The annual catalogue of Messrs. W. W. Barnard & Co., Chicago, has been issued. It contains 108 pages and has a very attractive cover engraved in half tone. In its pages are described and priced an exceedingly varied list of seeds, bulbs, plants and general horticultural supplies. The usual spring edition of the "Florists' wholesale list" has also been issued in which are offered at trade prices a full line of bulbs, dormant plants, seeds and general florists' supplies.

Grove City, Pa.—James Elmer Black, the well known florist, died Feb. 6, aged 42 years. He was a member of the Board of Trade and an elder in the Presbyterian church. A wife and three children survive him.

For Quick Sale.

Extra fine Rooted Carnation Cuttings of all Standard Varieties, direct from the sand.

Cannot be Beaten in Quality, Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,

Berteau Ave., near Western Ave., CHICAGO.

For list of Varieties see Classified Advs.

Mention The Review when you write.

ELMIRA, N. Y.

The regular annual meeting of the Elmira Horticultural Society was held Feb. 11 in the lecture hall of Warner's Business School. The following officers were elected for the ensuing year: President, Prof. J. W. Roberts; vice-president, R. R. Stockdale; secretary, H. N. Hoffman; treasurer, Miss Flora Swift; executive committee, Messrs. George L. Gray, John B. Rudy, G. P. Rawson and Mrs. J. W. Morehouse and Mrs. Edward Kennedy.

An interesting discussion took place on the plans for the coming season. In order to make the meetings as attractive as possible a seasonable topic will be considered at each meeting, papers will be submitted, discussion held and the subject will be illustrated by flowers when practicable. The question box will be a special feature of the meetings. These will be in charge of the most practical men obtainable, and cannot fail to be both instructive and interesting.

A lecture is promised in the near future by Rufus Stanley on "Landscape Gardening as Applied to City Improvement." The March meeting will be devoted to topics relating to seed sowing, etc., with perhaps a show of the newer forms of carnations. An interesting paper by Mrs. Morehouse was read, and it enlisted considerable discussion. The subject was "Bulb Growing," bringing out the methods of growing hyacinths and other bulbs, both in the house and out of doors. This was followed by a paper by R. R. Stockdale on the history of the different types of gladiolus, a flower in which Mr. Stockdale has taken considerable interest. It is intended to hold exhibitions during the year of roses, sweet peas and chrysanthemums, if the public displays sufficient interest in them to warrant the trouble and expense. A membership ticket costs 50 cents per annum and this admits to all exhibitions, as well as to the monthly meeting.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,
CORFU, Genesee Co., N. Y.

Mention The Review when you write.

SAY, READ THIS.

Going at mere nothing—25,000 A No. 1 R. C. of Ethel Crocker at $2.50 per 100; $23.00 per 1000, until sold. All orders amounting to $10.00 or over Express paid to any part of U. S. Have all 1900 Novelties and Standard varieties.

Dana R. Herron, Olean, N. Y.

Mention The Review when you write.

Strong and Healthy **Carnation Cuttings** well Rooted.

Marquis	per 100,	$4.00	per 1000,	$35.00
G. H. Crane	"	3.00	"	25.00
White Cloud	"	2.00	"	15.00
Flora Hill	"	1.50	"	12.50
Genesee	"	1.50	"	12.50
Daybreak	"	1.50	"	12.50

250 at 1000 rate. Cash with order from unknown parties.

W. C. STROH, ATTICA, N. Y.

Mention The Review when you write.

PALMS... and BOSTONS

WALTER RETZER & CO.
2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

Mention The Review when you write.

FOR SPRING DELIVERY: FIELD-GROWN HARDY HERBACEOUS STOCK, as follows:

Aquilegia, single and double mixed; Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilla Paniculata, $5 per 100.

Ready Now. Transplanted stock of Hardy Pinks, 6 varieties, $1.25 per 100 by mail. Primula Veris and Aquilegia Chrysantha, from 2¼-in. pots, $2.00 per 100. Cash with order please.

CHARLES S. DUTTON,
85 West 12th Street, HOLLAND, MICH.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

		Per doz.	Per 100	Per 1000
Sunbeam:	Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems	$1.50	$10	$75
Bon Homme Richard:	White, extraordinary free bloomer; fine form, good size. Stems 2½ to 3 feet long	$1.50	$10	$75
Nydia:	Variegated, salmon stripe on white ground; Quick seller, extreme free bloomer, fine form and stem	$1.50	$10	$75
Prolifica:	Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer	$1.50	$10	$75

First lot of the above four varieties READY NOW.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

	100	1000
Mrs. Thos. W. Lawson, cerise pink	$9 00	$80 00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Geo. Marcos, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armaziudy, variegated	1.00	8.00

	100	1000
Evanston	1.50	12.50
Guardian Angel	$1 00	$9 00
Gov. Griggs	1.50	12.50
Per	4 00	35.00
Melba	1.50	12.50
Triumph	1.50	12.50
Evelina	1.00	8.00
Cerise Queen	1.50	12.50
L. McGowan	1.00	7.50
Edna Craig	1.50	12.50
Mrs. L. Ine	7.00	60.00

ROOTED CUTTINGS NOW READY.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10 00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30 00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6 00 per 100; $40.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4 C0 per 100. $30.00 per 1 00.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

SPECIAL SALE.

	Per 100.
Alternanthera, yellow $1.50; red,	$1.75
Geraniums, my selection, 2½-in. pots	2.50
Coleus Mix—Blue Ageratum, 2-in. pots	1.50
Asparagus Sprengeri, 2-in. pots	1.75
Vinca Harrison Vine 2-in. pots	2.00
100 Asparagus Plumosus, 2-in. pots	2.50
Verbenas, 2-in. pots	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

NORWAY

The Queen of White Carnations Scored 92

points at the Carnation Meeting of the Chicago Florists' Club after traveling 700 miles and being packed up for over 40 hours.

It is a free, rapid, vigorous grower and an early bloomer. The big money-making commercial white everybody is looking for. Stock for February delivery all sold. **Order quick for March.**

EGYPT

A Scarlet Crimson of great promise. Eclipses all other dark carnations in length and strength of stem, vigorous growth, rich spicy odor and keeping qualities.

H. WEBER & SONS,

OAKLAND, MD.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000. PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

PITTSBURG, PA.—Thos. Meehan & Sons, Germantown, Pa., were the most successful bidders for supplying the city with nursery stock for spring planting, securing over one-half of the amount, which aggregated about $2,500.00.

DELAVAN, WIS.—Steps are being taken to incorporate the Phoenix Nursery and Floral Co., with a capital stock of $20,000, which is to acquire the nursery of F. K. Phoenix Co. and consolidate it with the Williams Bay Floral Co.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100, 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderii and trihmphans, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100 Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, rooted cuttings, 60c per 100, $4.50 per 1000; 2½-in. pots, $2.50 per 100. Jerome Harley, Media, Pa.

Ageratum. Blue, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALOES.

Aloe picta, $2.00 to $3.00 per doz. Aloe vera and Agave americana veriegata, $1.50 to $2.50 per doz. Cash. Mrs. M. E. Patterson, Glendale, Cal.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100; Dbl. Giant, $1.00 a 100. Greene & Undernill, Watertown, N. Y.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

ASPARAGUS.

Plumosus Nanus, 2½ inch pots.....	$ 6.00	per 100
3 inch pots	6.00	"
4 inch pots	12.00	"
Sprengeri, 2½ inch pots	3.00	"
3 inch pots	5.00	"
4 inch pots	8.00	"

The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 3-in. pots, $5.00 per 100; 4-in. fine plants ready for shift, $12.00 per 100. Seed, new crop, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus seed fresh from our own vines. 100 seeds $5c, 500 seeds $4.00, 1,000 to 5,000 at $7.00 per 1,000, 10,000 seeds $60.00, 15,000 seeds $86.00. Cash with order.
L. Ullrich, Tiffin, Ohio.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $3.50 per 100; $30.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100 Morris Floral Co., Morris, Ill.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Burgevin, Portchester, N. Y.

Sprengeri, 2-in., $1.50 per 100; 2½-in., $2.00 per 100. M. J. Coventry, Ft. Scott, Kans.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azaleas, always in bloom, 50c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please. A. SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds. 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azaleas, 12-in. heads, best varieties, $4.00 per doz. Good & Reese Co., Springfield, Ohio.

BEDDING PLANTS.

Echeveria californica, very choice, $3.00 per 100. Sempervivum (hen and chickens), $2.25 per 100. Mrs. M. E. Patterson, Glendale, Cal.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, finest varieties, 2½-in., $4; 3-in., $6 per 100. Geo. M. Emmons, Newton, N. J.

Catalogue of all the new begonias free upon application. N. Smith & Son, Adrian, Mich.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

Begonias, 2½-in. assorted, $3.00 per 100
S. D. Brant, Clay Center, Kan.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BOUVARDIAS.

Bouvardias, 10 varieties, single and double. Send for list. Price, 2-in., $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BULBS.

Begonias, Tuberous rooted, single, in white, yellow, rose or scarlet, 1 to 1½-in., 12, 40c; 100, $2.50; 1½ to 2-in., 12, 50c; 100, $2.75.

	12	100
Begonias, double flowering, 1st size..	$0.75	$5.50
Begonias, double flowering, 2nd size..	.60	4.50
Caladium, fancy leaved, choicest, 1st size	1.25	10.00
Brazilian, named sorts, fine bulbs....	1.00	8.00
Mixed, choice sorts, 2d size..........	1.00	7.00
Cyclamen Persicum, giganteum extra fine bulbs, 5 colors	1.00	7.00
Gloxinias, extra large bulbs, mixed.	50	3.00
Gloxinias, separate colors	.60	4.00

Early forcing Gladioli, extra, 50 per cent. white and light, 100, $1.25; 1,000, $10.00.
Tuberose, ex. Pearl, 4 to 6-in., 100, 75c; 1,000, $5.
Tuberose, ex. Pearl, 3 to 4-in., 100, 50c; 1,000, $3.50.
H. H. Berger & Co., 47 Barclay st., New York.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Fancy caladium seedlings from crossing finest named sorts. Mixed; infinite variety, charming novelties; no poor ones. Size 1 to 4 inches across (3 to 12 circ). Delivered free (express prepaid) to any part of U. S. for $6.00 per 100; $55.00 per 1000. Cash with order. T. L. Mead, Oviedo, Fla.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

Bessera elegans, Mexico coral drops, $1.00 per 100; $9.00 per 1000. Tigridias, in splendid mixture, $1.00 per 100; $9.00 per 1000. Amaryllis formosissima, monster size, $3.00 per 100; 50c per doz. All orders sent parcels post paid. J. A. McDowell, City of Mexico.

Tuberoses—Elegant dwarf pearl tuberose bulbs, No. 1, 4 to 6 inches, $3.00 per 1,000; No. 2, 3 to 4½ inches, $1.50 per 1,000, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
L. W. Boney, Wallace, N. C.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Caladium esculentum, 1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tuberoses, tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla lilies, blooming bulbs, 75c per doz.; $6.00 per 100. Tuberoses, first-class bulbs, 75c per 100; $6.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Madeira vines, 10,000 at $5.00 and $10.00 per 1,000. Oxalis, 75c per 1,000. Betscher Bros., Canal Dover, Ohio.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

Sea onion pips, 25c per 100; $1.75 per 1000. Mrs. M. E. Patterson, Glendale, Cal.

CACTI.

A great variety of plants, true to name, $2.00 to $3.00 per doz.; small, $1.00 per doz. Epiphyllums, rhipsalis and flagelliformis, 50c per doz. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia japonica, 20 inches high; assorted colors, 50c each; $5.00 per doz. Good & Reese Co., Springfield, Ohio.

CANNAS.

Allemania, Aurora, Alsace, A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. Cleveland, Pres. McKinley, and Florence Vaughan at $3.00 per 100. Burbank, Paul Marquant, Egandale, Victor Hugo, Robusta and Grand Rouge at $2.50 per 100. Wm. Schlatter & Son, Springfield, Mass.

Our list of cannas has been revised and increased. We offer a choice selection. Write at once. W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas. 50,000 dormant and started from sand; 25 best sorts; get our prices. Betscher Bros., Canal Dover, Ohio.

Cannas all the leading varieties well established in pots, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Cannas. Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

Our collection of novelties and standard varieties is complete. N. Smith & Son, Adrian, Mich.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Olympia, variegated	5.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	4.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	2.00	25.00
G. H. Crane, scarlet	2.00	25.00
Chicago, scarlet	2.00	25.00
Gold Nugget, yellow	2.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00
Mrs. L. Ine	7.00	60.00
Guardian Angel	6.00	50.00
Peru	4.00	35.00
Triumph	1.50	12.50
Cerise Queen	1.50	12.50
Edna Craig	1.50	12.50
Evanston	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Evelina	1.00	8.00
L. McGowan	1.00	7.50

Rooted cuttings now ready.

Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot of the above four varieties ready now.

CHICAGO CARNATION CO., JOLIET, ILL.

CARNATION ROOTED CUTTINGS now ready. All fine.

	100.	1,000.
Lawson	$6.00	$50.00
Olympia	5.00	40.00
Crocker	4.00	35.00
Lord	4.00	35.00
Peru	4.00	35.00
Marquis	5.00	40.00
Crane	2.00	25.00
America	2.00	25.00
Bradt	2.00	25.00
Fingret	2.00	25.00
Glacier	2.00	25.00
White Cloud	2.00	15.00
Jubilee	2.00	15.00
Maceo	2.00	15.00
Wood	2.00	15.00
Daybreak	1.50	12.00
Flora Hill	1.50	12.00
Triumph	1.50	12.00
Joost	1.50	12.00
Scott	1.00	8.00
Evelina	1.00	8.00

250 at 1,000 rate. Cash or C. O. D. We refer you to the trade papers' report of St. Louis Chrysanthemum Show as to quality of our stock.

W. J. & M. S. VESEY, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health are every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	6.00	55.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
Mrs. Geo. M. Bradt	2.50	20.00
Chicago (Red Bradt)	3.00	25.00
Gen. Gomez	2.00	15.00
Gen. Maceo	2.00	15.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	8.00
L. McGowan	1.00	8.00

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	6.00	50.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	3.00	25.00
Peru	2.50	20.00
Crane	2.00	25.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	8.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Edna Craig	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Daybreak	1.25	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Hill	1.00	8.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PFEIFER REINBERG, 51 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS—Healthy stock, well rooted.

	100	1000
Mrs. Lawson	$7.00	$60.00
Olympia	5.00	40.00
Marquis	5.00	40.00
Genevieve Lord	5.00	40.00
Ethel Crocker	4.00	35.00
Crane	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Gen. Maceo	2.00	25.00
Frances Joost	2.00	15.00
White Cloud	2.00	
Daybreak	1.50	12.00
Victor	1.50	12.00
New York	1.50	12.00
Scott	1.00	8.00
McGowan	1.00	8.00

Salvia Silverspot, $1.00 per doz.; 25 at $5.00 per 100. Vincas variegated, from soil, ready for 2½-in. pots, $3.00 per 100. Fancy-leaved caladiums, best 10 varieties to name, $10.00 per 100. Cash with order, please. A. Nelson, P. O. Box 1450, Paterson, N. J.

ROOTED CARNATION CUTTINGS. Well-rooted cuttings from sand, ready.

	100.	1,000.
Mrs. Thos. W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
G. H. Crane		25.00
Red Bradt		25.00
Mrs. Geo. M. Bradt		20.00
Mrs. James Dean		12.50
Mrs. F. Joost		12.00
Triumph		12.00
White Cloud		12.50
Argyle		12.00
Flora Hill		12.00
Daybreak		10.00
McGowan		8.00

ANTON THEN, Station X, Ravenswood, Ill.

ROOTED CARNATION CUTTINGS. Ready to ship. A. Mitting, clear, light-crimson. Mrs. A. Mitting, clear pink. De Bos Mitting, white. Sunbeam, Bon Homme Richard, Nydia, Prolifica, California, Gold, Queen Louise, Irene, Lorna and Mermaid, all 1901 introductions, $1.50 per doz., $10.00 per 100, $75.00 per 1,000.

	100.
Mrs. Thos. W. Lawson, cerise pink	$4.75
Olympia, variegated	4.00
Genevieve Lord, light pink	4.00
Avondale, pink	4.00
Ethel Crocker, light pink	3.00
Mrs. G. M. Bradt, variegated	2.00
America, scarlet	2.00
Peru, white	2.50
Gen. Gomez, dark red	1.25
White Cloud, white	1.25
Mrs. F. Joost, pink	1.25
Flora Hill, white	1.20
Argyle, pink	1.20
Melba, light pink	1.25
Glacier	1.50

All rooted cuttings subject to your approval upon arrival.

CARNATION SIDE PIPS.

	100.
Morning Glory	$1.75
Gen Maceo	1.00
America	1.00
Glacier	.75
Mary Wood	.75
Gold Nugget	1.00
White Cloud	.75
Evelina	.75

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	4.00	35.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	2.00	15.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	2.00	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	2.00	25.00
America	2.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	2.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1,000. Mermaid, $6.00 per 100; $50.00 per 1,000. Roosevelt, $12.00 per 100; $100.00 per 1,000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $150.00 per 1,000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1,000; Lawson, $7.00 per 100, $60.00 per 1,000; G. Lord, $6.00 per 100, $50.00 per 1,000. Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1,000.

We make a specialty of rooted cuttings. F. DORNER & SON, LaFayette, Ind.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	3.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	2.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
New York	1.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $35.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

Carnations. Extra strong rooted cuttings.

	Per 100.		Per 100.
Lawson	$5.00	Hill	$1.00
Crane	2.75	Scott	1.00
Bradt	2.50	Eldorado	1.00
Jubilee	1.50	Morello	1.00

Cash with order.

HY. ERNST & SON, Washington, Mo.

CARNATIONS—Continued.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties

Guardian Angel,	Gen. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo. M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan.

See our display adv on another page.
THE HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., Chicago.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1,000.
Ethel Crocker, $3.00 per 100. McGowan Sport, $1.50 per 100; $10.00 per 1,000.
CHAS. BLACK, Hightstown, N. J.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	100	1000
William Scott	$1.50	$12.00
Flora Hill	1.50	12.00
Merrimac	1.50	12.00
Daybreak	1.50	12.00
Outcast	1.50	12.00
New York	1.50	12.00
Sandusky	2.00	15.00
Frances Joost	2.00	15.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Carnations.

	Per 100.
Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

ROOTED CARNATION CUTTINGS—From sand or soil.

	100	1000
Ethel Crocker	$3.00	$25.00
White Cloud	1.75	15.00
Flora Hill	1.75	15.00
Triumph	1.75	15.00
Mrs. James Dean	1.00	9.00
Mayor Pingree	1.00	8.00
Wm. Scott	1.00	8.00

A few thousand of the above varieties from 2¼-inch pots; write for prices. Cash. C. Akehurst & Son, White Marsh, Md.

ROOTED CUTTINGS—Scott, Daybreak, Victor, Flora Hill, White Cloud, Melba and Rosemont, per 100, $1.50; per 1000, $12.50. Joost, per 100, $2.00, per 1000, $15.00. Marquis, Crocker, per 100, $4.00; from pots, $5.00. Cash, please. John J. Connelly, Bryn Mawr, Pa.

ROOTED CARNATION CUTTINGS—Strong and healthy.

	100	1000
Marquis	$4.00	$35.00
Crane	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Genese	1.50	12.50
Daybreak	1.50	12.50

250 at 1000 rate. Cash with order.
W. C. STROH, Attica, N. Y.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Flora Hill	$1.00	$8.00
Daybreak	1.00	8.00
Wm. Scott	.90	7.50
Genesee	.75	5.00

E. B. LEWIS, Lockport, N. Y.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1,000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Marquis, Crocker, $5.00 per 100; $40.00 per 1,000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Samples free. Stock guaranteed. Union Street Greenhouse Co., Geneva, N. Y.

Norway, the queen of white carnations; stock for February delivery all sold. Place your order now for March delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. H. Weber & Sons, Oakland, Md.

Roosevelt and Prosperity, the best two carnation in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

Carnation rooted cuttings. Per 1,000: Olympia and Marquis, $40.00. Lord $30.00, America $20.00, Melba and Flora Hill $15.00, G. H. Crane $25.00. Cash with order. H. P. Smith, Piqua, Ohio.

ETHEL CROCKER. The largest stock of any one grower in the country from which to select my cuttings. Price: $4.00 per 100, $30.00 per 1,000. Send for list of other varieties.
A. M. HERR, Lancaster, Pa.

Carnations—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO.,
Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Irene, the coming commercial pink, rooted cuttings, $1.50 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

THE LAWSON CARNATION Cuttings now ready; $6.00 per 100; $50.00 per 1000. Cash with order. Potter & Cousins, West Boylston, Mass.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations. Mrs. Bradt, Ethel Crocker, McGowan and Scott in 2-in. pots. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

MARQUIS CARNATIONS—I have a fine lot of cuttings, from soil, at $4.00 per 100. J. Bronner, 301 Beecher St., Syracuse, N. Y.

CARNATION CUTTINGS, well rooted. Argyle, Flora Hill, Daybreak and Scott, $1.00 per 100. Davis Bros., Morrison, Ill.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Catalogue of all the new carnations free upon application. N. Smith & Son, Adrian, Mich.

Crocker, G. Lord and Marquis, $3.00 per 100. E. C. Keck, Washington, Iowa.

CHRYSANTHEMUMS.

New chrysanthemum, Goldsmith. Cream yellow tinted with bronze, sport from Pres. W. R. Smith, fine large flowers, strong stem. Your collection of chrysanthemums cannot be complete without this new candidate. There is without doubt a commercial future before this sort. Exhibited at Cincinnati November 17 it scored 83 points. Price $2 per doz. Orders taken now and filled in March. H. L. Ragan, P. O. Box 166, Springfield, Ohio.

Anyone wanting a good collection of chrysanthemums that pay both commercially and for exhibition purposes will do well to correspond with me. Now ready, rooted cuttings, small plants from 2 in. and larger plants from 2½ in., all last year's best novelties; also Timothy Eaton. A collection easy to grow that will bring the average grower large profits. For prices and varieties address Gunnar Teilmann, Marion, Ind.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 25c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

October Sunshine, Yellow Queen, Mrs. H. Robinson, Golden Wedding and W. H. Chadwick, 2-in., $3.00 per 100. Rooted cuttings of same varieties, $2.00 per 100. F. R. Hills, Maywood, Ill.

Rooted cuttings Murdock, Whildin, Pacific, Mutual Friend, Bonnaffon and many other standard varieties; per 100, $1.00. Cash, please. John J. Connelly, Bryn Mawr, Pa.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Chrysanthemums. Catalogue free on application. N. Smith & Son, Adrian, Mich.

CINERARIAS.

Cineraria nana grandifl. gig., 2¼-in., $2.50 per 100. Will make fine plants for Easter. Shellroad Greenhouse Co., Grange, Baltimore, Md.

Cineraria, 2¼-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Cinerarias, ready for 4-in., at $3.00 per 100.
G. Guy Swanger, Shiloh, Ohio.

CLEMATIS.

CLEMATIS PANICULATA.	100.	1,000
No. 1, 3 years	$7.50	$75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

ELIZABETH NURSERY CO., Elizabeth, N. J.

Clematis, one and two years, $1.25 and $2.00 per doz.; 12 choice leading kinds. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus selected from more than 100 varieties. Rooted cuttings, 60c per 100. In each order will be included a share of best yellow and our new seedling Firetongue. The latter separate, $1.00 per 100. Mayer & Sons, Willow Street, Lancaster Co., Pa.

Coleus—Red and yellow Verschaffeltii, and 25 other good sorts; clean; no mealy bug; 65c per 100 postpaid; $5.00 per 1,000, by express. A. B. Davis & Son, Purcellville, Va.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Rooted cuttings of Vershaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Golden Bedder and Verschaffeltii, strong rooted cuttings, 75c per 100; $7.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus, in all the leading varieties, 2½-in. $2.50 per 100, $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

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Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, mixed, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, finest assortment, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCLAMEN.

Cyclamen giganteum in separate colors; transplanted; 4 to 5 leaves; fine, $3.00 per 100; $20.00 per 1,000. C. Winterich, Defiance, Ohio.

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Dahlias by the thousands. Get my list and then let me figure with you. Also cannas, gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Colo.

Dahlias, named varieties; strong field roots, not clumps, $5.00 per 100. Mixed stock, $4.00 per 100. Michigan Seed Co., South Haven, Mich.

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Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Snow Crest, 2¼-in. $4.00, 3-in. $6.00; rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

White Paris daisy, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

DRACÆNAS.

Dracaena indivisa from 4-in. pots, ready for 5-in., 24 inches high, $10.00 per 100. Cash with order. H. B. Snow, Camden, New York.

ERICAS.

Ericas, small plants in bloom or in bud ready to bloom, $1.50 per dozen, $10 per 100. Large, fine shaped Ericas in bloom, 75c and $1 each, $9 to $12 per dozen, $75 per 100. Epacris in bloom, $9 per dozen. Erica persoluta alba, Erica persoluta rosea, Erica persoluta rubra, Erica fragrans, 100 plants in these four varieties, for growing on, $10, or 100 plants in bud, $15 per 100. Cash with order, please.
A. SCHULTHEIS, P. O. box 78, College Point, N. Y.

FERNS.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Japan fern balls, one of the best Easter sellers. Start them now. We offer for February, 7-8 in., 40c each, $3.50 a doz., $27.00 a 100; 9-11 in., 65c each, $6.50 a doz. Fern wreaths, 1st size, 60c each, $5.00 a doz., $40.00 a 100; 2d size, 40c each, $4.00 a doz., $35.00 a 100. Address H. H. Berger & Co., 47 Barclay St., New York.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Grand slide of 15,000 ferns. We want the room; 6 varieties for fern dishes at $2.50 per 100. Champion & Co., New Haven, Conn.

Boston ferns in 4, 5, 6 and 7-in., ready for a shift. Will make you money for Easter. Geo. A. Kuhl, Pekin, Ill.

Fern balls. Start them now for Easter [illegible]. Write W. W. Barnard & Co., 161 Kinzie St., Chicago.

Boston ferns, 2½-in., $4.00 [illegible] in., $8.00 per 100. Morris Floral Co., Morris, Ill.

Boston ferns, 2½-in., $3.00 per 100, $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

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For Easter and spring flowering. All plants are of fine shape and well budded. Per 100: Lilacs, $45.00; Azalea mollis, $35.00; Azalea pontica, $45.00; rhododendrons, $35.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

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Forget-me-nots, 2½-in., $3.00, R. C. (winter), $2.00 per 100. Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsias, rooted cuttings and 2¼-in. For prices see display adv. Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GAZANIA.

Gazania rooted cuttings, 75c per 100, $6.00 per 1000, postpaid. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

The new geranium Little Pink, or Double Pink Mars, is one of the best novelties of the Mars family and unlike Mars or America it has no trace of salmon shading. Price $5.00 per doz.; $35.00 per 100.
W. E. Hall, Clyde, Ohio.

Geraniums. 25,000 rooted cuttings of all the leading varieties: all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

A limited supply of A No. 1 plants, mostly double scarlet (John Doyle); from 3-in. pots, ready for 4-in., 50 per cent in bloom or bud, $3.00 per 100; 50 for $1.75. G. P. Moore, Ocean City, N. J.

Geraniums in 2-in. pots; Nutt, Poitevine, Dbl. Grant and others, $2.50 per 100; our selection. $2.00 per 100. Cash with order. Special price on large orders. C. A. Harris & Co., Delanson, N. Y.

Geraniums and petunias. 10,000 young stock, 2-in.; fine assortment, $25.00 per 1,000. 5,000 rooted cuttings, $15.00 per 1,000. Cash. Betscher Bros., Canal Dover, Ohio.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

New geranium De Roo Mitting, yellow leaves and double scarlet bloom, 25c each; $20.00 per 100. Morris Floral Co., Morris, Ill.

S. A. Nutt, Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. Leading varieties, assorted, named, 2½-in., $2.50 per 100; 500, $11.00. A. Brumley, Birmingham, Iowa.

Geraniums.—Best sorts. For vars. and prices see display adv. in this issue. Greene & Underhill, Watertown, N. Y.

Geranium Mme. Salleroi.' Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Geraniums. My selection, 2½-in. pots, $2.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums. Leading named varieties, 2½-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

Geraniums, double and single, 2½-in., [illegible] per 100, $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Geraniums, mixed [illegible] Peterson, [illegible]

Geraniums, good selection, 2-in., [illegible] per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums, double, 2-in., [illegible] Jackson, Stamford, Conn.

GLADIOLI.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For sample of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 105, Rochester, N. Y.

Fine mixed gladioli, 1½-in. and up, $6.00 per 1,000. Want to buy some small growing stock of fine quality bloom. Michigan Seed Co., South Haven, Mich.

50,000 gladioli; Mapleshade collection; none better; first and second sizes cheap. Send for circular and special prices. Wilbur A. Christy, Kinsman, Ohio.

Gladioli. 10,000 Groff's; 10,000 Van Fleet's; 250,000 extra white and light; select mixed, etc. Write for prices. Betscher Bros., Canal Dover, Ohio.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

Gladioli. Standard named varieties; colors separate and mixtures in various grades. W. W. Barnard & Co., 161 Kinzie St., Chicago.

XXX, the finest mixture in the market for florists, $1.50 per 100; $12.00 per 1,000. F. W. O. Schmitz, Jersey City, N. J.

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Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Hardy Pinks—Her Majesty and six other best sorts, rooted cuttings, $1.00 per 100, postpaid. Field clumps, $3.00 per 100; $25.00 per 1000. A. B. Davis & Son, Purcellville, Va.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

HARDY PLANTS.

Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $40.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

HARDY PLANTS—Continued.

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

HIBISCUS.

Hibiscus, 2½-in., 10 sorts, $2.50 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please. John Charlton & Sons, Rochester, N. Y.

IVIES

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00. Greene & Underhill, Watertown, N. Y.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

LILY OF THE VALLEY.

Lily of the Valley from best European grower. Hamburg crowns, finest selected quality, $9.00 per 1,000; per case of 2,500, $21.00. Jackson & Perkins Co., Newark, New York.

MOONVINE.

Moon vines, 2½-in., $3.00 per 100. Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Otaheite Oranges, $3.00 per 100; $25.00 per 1,000. Ponderosa Lemons, bears fruit 2 pounds and up; an ideal pot plant; blooms and fruits when quite small, $1.00 per doz., $7.00 per 100, $60.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

Palms for decorating and for immediate retailing.

AREca LUTESCENS.

	Inch pots.	Inches high.	12.	100.
4 plants.........	5	18-20	$ 5.00	$40.00
3 plants.........	6	20	9.00	75.00
3 plants.........	6	24	12.00	100.00
3 plants.........	8	36	36.00	

KENTIA BELMOREANA.

	Inch pots.	Inches high.	Each.	12.
6 leaves.......	6	24	$1.25	$15.00
6-7 leaves.......	6	28	1.50	18.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Each.	12.
5-6 leaves.......	6	24-28	$ 1.00	$12.00
6 leaves.......	6	28-30	1.25	15.00
6 leaves.......	6	30-36	1.50	18.00
6-7 leaves.......	7	30-36	2.00	24.00
6-7 leaves.......	7	36-42	2.50	30.00
7 leaves.......	9	60	7.50	
6-7 leaves.......	12	72	10.00	
6-7 leaves.......	12	84-96	12.50	
6-7 leaves.......	12	84-96 h'vy	15.00	
6-7 leaves.......	12	96-108 h'vy	25.00	

LATANIA BORBONICA.

	Inch pots.	Inches high.	12.	100.
5-6 leaves.......	6	15-18	$6.00	$50.00
5-6 leaves.......	6	18-20	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high .... $1.50 each
8-inch pots, 36 inches high .... 2.50 each
9-inch pots, 42 inches high .... 3.00 each
10-inch pots, 48 inches high .... 4.00 each

HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	6 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

KENTIA BELMOREANA.

2½-inch pots........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves........$15.00 per 100
4-inch pots, 14 to 16 inches high.. 30.00 "
5-inch pots, 18 inches high....... 60.00 "
5 and 6 in. pots, 18 to 22 in. high.. 75.00 "

ARECA LUTESCENS.

2½-inch pots.........$6.00 per 100; $50.00 per 1,000

KENTIA FORSTERIANA.

2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high......... 15.00 "
4-inch pots, 15 to 18 inches high.... 35.00 "
5-inch pots, 18 to 22 inches high.... 60.00 "
5 and 6 in. pots, 24 to 28 in. high... 75.00 "

The Storrs & Harrison Co., Painesville, O.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

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Jos. Heacock, Wyncote, Pa., grower of palms. Write for price list.

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Seedling Seaforthia robusta, $3.00 per 100.
F. R. Hills, Maywood, Ill.

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Pansies. Giant mixed of Bugnot, Cassier, Odier and Trimardeau strains. We are positive of having the finest pansies in the United States this year. Price, extra fine stocky plants, 60c per 100; $2.75 per 1,000. Extra large plants in bud and bloom, $1 per 100; $8 per 1,000. White potato onion sets, a grand novelty, $1 per peck, $3.50 per bushel. Cash with order. Hy. Ernst & Son, Washington, Mo.

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Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

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Petunias, dbl. fringed, 2½-in., ready for 4-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

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Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

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5,000 1 to 2 ft. California Privet, $10 per 1,000, F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $40 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonville. Mills the Florist, Jacksonville, Fla.

If you read these advs. others would read yours.

ROOTED CUTTINGS.

ROOTED CUTTINGS.

Let us send you a sample order to show you what good stock is, then you will want more.

Thos. W. Lawson, $6.00 per 100; $50.00 per 1,000.

Mammoth Verbenas, they are the best to be had, 60c per 100; $5.00 per 1,000; 5,000, $22.00.

Abutilon Savitzii, dozen, 30c; 100, $2.00.

Salvias, two new ones, Hobold and Yellow Bird, dozen, 20c; 100, $1.00; 1,000, $9.00.

Ageratum P. Pauline, dozen, 20c; 100, $1.00.

Impatiens Sultani, dozen, 25c; 100, $1.50.

Achyranthes, dozen, 15c; 100, $1.00.

Alternanthera, red and yellow, fine large plants from flats, dozen, 20c; 100, $1.00; 1,000, $9.00.

Smilax, from flats, per 100, 50c; 1,000, $4.00.

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We prepay express charges and guarantee to please you. Try us once.

Send for price list. We can do you good.
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	1,000.	100.
Coleus, mixed colors	$5.00	$0.50
Coleus, Golden Queen and Crimson Verschaffeltii	6.00	.60
Alternanthera, P. Major and A. Nana	5.00	.60
Vinca Variegated	9.00	1.00
Salvia Silverspot		1.50
Salvia Bedman		1.00
Ageratums, Louise Bonnett, Cope's Pet, White Cap, Princess Pauline		.50
Ageratum, Stella Gurney....................		1.50
Feverfew, Little Gem		1.00
Heliotropes, 12 varieties		1.00
Cuphea, Cigar Plant		.75
Sweet Alyssum		.75

If by mail add 5 cents per 100.

Geraniums, Nutt, Poitevine, Riccard, Grant and others, 2-in. pots	2.50
Ivy Geraniums, 12 varieties	3.00
Manettia Bicolor, 2-in. pots	2.00
Heliotrope, 12 varieties, 2-in. pots..........	2.00
Cannas, standard sorts ....$1.50 to	2.50

Cash with order.
C. A. Harris & Co., Delanson, N. Y.

ROOTED CUTTINGS BY MAIL.

	Per 100.
Ageratums	$0.50
Fuchsias	1.00
Kenilworth Ivy	1.25
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Salvia Splendens	1.00
Pileas	1.25

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Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
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Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod.
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
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Price $2.50 per 100; $20.00 per 1,000. 600 sold at 1,000 rate. Not less than 6 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.

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Our stock of Everblooming roses, all grown in 4-inch pots, is more extensive and finer than we have ever before offered our customers. All leading popular varieties for sale.

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To clear leased land, we offer shrubbery in elegant assortment, at low rates by the thousand. Hoopes Bro. & Thomas, Maple Ave. Nurseries, West Chester, Pa.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

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ROSES FOR SPRING PLANTING. Strong field-grown.

	Per 100.
American Beauty, select	$25.00
American Beauty	20.00
La France, select, fine	25.00
La France	20.00

Cash or satisfactory references.

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All the leading varieties—Teas, Hybrid Teas and Climbers from 2½-in. pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-in. pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c. Good & Reese Co., Springfield, Ohio.

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10,000 Perle roses in 2, 2½ and 3-in. pots. Fine stock. Must have the room and will make prices to move them. In 10 days we will have ready for shipment 10,000 A No. 1 American Beauty cuttings at $3.00 per 100; $25.00 per 1000. Geo. A. Kuhl, Pekin, Ill.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.

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Roses. Nice, strong, bushy plants. Per 100: American Beauty, $5.00; Bride, Bridesmaid, Perle and La France, $4.00. Wm. Laisle, Keokuk, Iowa.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

Field Grown American Beauty [illegible] $15 per 100; $125 per 1000. Southern Flor[illegible] 922 Bryan St., Dallas, Tex.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Davis Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaid and Meteors. $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.

Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.

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Salvias, R. C., per 100, Golden Spotted, $5.00, Golden Leaved, $1.50, Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1000. Jerome Harley, Media, Pa.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

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Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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Saxifraga sarmentosa. Fine for hanging baskets, vases or pot plants; strong, $3.00 per 100; 10 by mail 30c. Mayer & Sons, Willow Street, Lancaster Co., Pa.

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Smilax, from flats, [illegible] M. J. Coventry, Ft. Scott, Kan.

Smilax from flats, 2c [illegible] Morris, Ill.

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Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Swainsona alba, 2½-in. pots, $2.00 per 100. Jerome Harley, Media, Pa.

Send in your order now for a copy of the Florists' Manual.

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Cauliflower Snowball, 35c per 100, $2.50 per 1000. Tomato Mayflower, Lorillard and Dwarf Champion, 50c per 100. Postpaid. Nice size for potting. Lettuce—Big Boston, Boston Market and other varieties, 15c per 100, $1.00 per 1000, $8.50 per 10,000, if by mail, add 10c per 100. Cabbage Wakefield and Succession, 25c per 100, $1.25 per 1000; if by mail add 20c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

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We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest, selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

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Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Mammoth strain, separate colors. Rooted cuttings, 60c per 100, $5.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Verbenas. Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

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Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Vincas—Major and minor; strong field-grown plants, $1.00 per 100; $7.50 per 1000. Major put in 4-in. pots now will be fine for spring. James M. Lamb, Fayetteville, N. C.

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Vinca, Harrison vine, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

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10,000 Marie Louise violets. Sand rooted cuttings, extra strong and free from all disease at $10.00 per 1,000. Also 5,000 October struck, now in cold frames; fine plants, $15.00 per 1,000. The above stock is true to name and satisfaction guaranteed. Cash with order. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

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Rooted cuttings, per 100: Cuphea (cigar plant), $1.25; Impatiens Sultani, $2.00; Manettia bicolor, $1.50; Tradescantia tricolor, $1.25; Lantanas, assorted, $0.75; Hydrangea, 2-in., $3.00; Manettia bicolor and Impatiens Sultani, 2½-in., $4.00. Green & Underhill, Watertown, N. Y.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, and freshes, red, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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To Exchange—Rooted cuttings of Ethel Crocker, Mrs. Frances Joost and G. H. Crane, for rooted cuttings of Bride, Maid or Meteor roses. Ours is fine, healthy stock; we want the same. Morton Grove Greenhouses, Morton Grove, Ill.

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Laurel festooning, the best, 4 to 6c per yard. All hand-made and of the best material. Dagger and fancy ferns at market prices. Crowl Fern Co., Millington, Mass.

Hardy cut ferns, Per 1000; In 1000 lots, $1.25; 5000 lots, $1.20; 10,000 lots, $1.10; 25,000 lots, $1.00. L. B. Brague, Hinsdale, Mass.

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Canadian Unleached Hardwood Ashes. Can you sell this valuable fertilizer? If so, write for prices and pamphlet. Geo. Stevens, Peterboro, Ontario, Canada.

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FLORISTS' LETTERS.

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Fred Paul, 632 Race St., Philadelphia, Pa.

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Green and Bronze Galax, 60c per 1,000; 2,000 for $1.00. POSTAGE PREPAID. Leucothoe Sprays, $2.50 per 1,000. Cash with order. Address

H. H. HILL,
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Macon Co.,
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Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey,
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Boston, Mass.

J. G. Loven, Montezuma, N. C., wholesale dealer in galax leaves, fancy and dagger ferns, leucothoe sprays. Write for price list.

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Penn Rubber Co., 608 Arch St., Phila., Pa.

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E. H. Hunt, 76-78 Wabash Ave., Chicago.

KNOXVILLE, TENN.

The florists of Knoxville report that the past year has been a good year for them, although the increased cost of florists' material has lessened the profits considerably. It is rumored that a large wholesale rose growing plant is to be established here and it ought to be a success as this is a good shipping point.

Chas. W. Crouch is building a house for Brides, 150x20, which when completed will make twenty-seven houses from 100 to 150 feet in length on his place. The new house will be planted in solid beds, as he gets the best results this way. Two houses in solid beds have been standing two years, and the only fault he has to find is that the plants are a little more liable to mildew. In these houses, besides the hot water heating boiler, he has a small steam boiler which he can use early and late in the season, when it is too warm to make much heat but when one needs to keep the air dry and use a little sulphur.

Mr. Crouch likes the new rose, Liberty, though it has been inclined to flower on short stems for him. He thinks, however, he can overcome this by giving better soil. C. W. C.

GOVERNMENT FLOWERS.

I have read the report regarding free distribution of flowers by government officials in Washington in your issue of Feb. 14 and would like to say that the distribution is not limited to Washington alone. It extends all over the country. And not only flowers but plants as well are given to congressmen and their friends and others. The plants are as a rule not suited for house culture and do not last very long, so they hurt the trade very little.

M. Dummett's Son.

Mt. Vernon, N. Y.

White Sulphur Springs, W. Va.—Mr. H. A. Catlin has returned from Colorado, where he spent the winter.

KANSAS CITY, MO.

Various Notes.

At last we have had a spell of real winter weather with twelve inches of snow, and it remained with us two weeks. It came as a blessing to this part of the country, for we have had very little moisture of any account since October. The month of January gave us twenty days of bright sunshine, yet it did not increase the supply of roses to any extent. There is a decided scarcity of all kinds of stock with the exception of violets, and so thoroughly is the market cleared up daily of all material, especially of white flowers, that the smallest Roman hyacinth becomes an important factor. We don't have to use the X-ray to locate business; there is plenty of it; an unusually high rate of mortality is giving us lots of funeral work.

For the Memorial Services held here for the late Queen Victoria, the floral arrangements were both beautiful and numerous. Arthur Newell being a native of England, received orders for the greater share of the work.

It takes all sorts of people to make trade; the invasion of the city by Mrs. Nation and her hatchet brigade created a new fad and floral hatchets are now much in evidence.

When times are prosperous the florist surely gets his share of the public's patronage and that the love of flowers is increasing was again demonstrated from the amount of trade done here on St. Valentine's Day. The violet was the most sought for, there were plenty of them and I venture to say that better violets are not seen in any other part of the country than those now being picked by the growers of Kan-as City.

Mr. J. M. Gasser, of Cleveland, Ohio, spent a few days with us recently and while here was the guest of W. L. Rock. He asked permission to go to Texas, promising to call again when homeward bound. Mr. Gasser was looking well and we are always glad to see him, for he is one of the few who are ever ready to give us the benefit of a lifelong experience in the business. H. J. M.

CHESTNUT HILL, PA.

Meeting of the Chestnut Hill Hort. Society.

The regular monthly meeting of the Chestnut Hill Horticultural Society was held on the evening of Feb. 12, Vice-President Fred J. Michell presiding. A number of new members were admitted and several proposed. The schedule committee reported good progress being made with the new schedule, and that the same would be issued before the next meeting.

Premiums were awarded the different exhibits, and the judges specially mentioned William Robertson's exhibit of cauliflower and a magnificent vase of Bride roses, and William Boyce's exhibit of asparagus.

The pots of Primula Forbesii exhibited by Frank Gould were also specially mentioned. H.

BURLINGTON, VT. — The Vermont Botanical Club held its annual meeting here Jan. 27. The program included many valuable papers. The officers for the ensuing year are: President, Ezra Brainerd; vice-president, Cyrus G. Pringle; secretary and treasurer, L. R. Jones

PAN-AMERICAN EXPOSITION.

The printed classification of exhibits and general rules governing exhibits, transportation, etc., of the Pan-American Exposition, to be held in Buffalo this summer, has been issued.

Floriculture is in Division V and is classified as follows:

Group 26.

ROSES

Class 85. Hybrid perpetual.
Class 86. Summer blooming.
Class 87. Tea.
Class 88. Climbing and creeping.

Group 27.

PELARGONIUMS.

Class 89. Show varieties.
Class 90. Fancy varieties.
Class 91. Zonal.
Class 92. Variegated and bronze

Group 28.

FLOWERING BULBOUS PLANTS

Class 93. Hyacinths.
Class 94. Tulips.
Class 95. Narcissus.
Class 96. Iris (Spanish)
Class 97. Dahlias.
Class 98. Gladioli.
Class 99. Cannas.
Class 100. Other bulbous flowering plants
Class 100. Begonias.

Group 29.

ANNUALS.

Class 102. Sweet peas.
Class 103. Pansies.
Class 104. Asters.
Class 105. Balsams.
Class 106. Phlox.
Class 107. Other annuals.

Group 30.

BEDDING PLANTS.

Class 108. Flowering.
Class 109. Foliage.

Group 31.

AUTUMN FLOWERING PLANTS.

Class 110. Carnations.
Class 111. Chrysanthemums.

Group 32.

GREENHOUSE FLOWERING PLANTS.

Class 112. Greenhouse flowering plants.

Group 33.

DECORATIVE PLANTS.

Class 113. Palms.
Class 114. Cycads.
Class 115. Ferns.
Class 116. Caladiums.
Class 117. Dracaenas.
Class 118. Crotons.
Class 119. Alocacia.
Class 120. Anthurium.
Class 121. Other ornamental leaf plants.
Class 122. Ornamental grasses.

Group 34.

ORCHIDS.

Class 123. Orchids.

Group 35.

CACTACEAE.

Class 124. Cactaceae.

Group 36.

AQUATIC PLANTS.

Class 125. Victoria Regia.
Class 126. Nymphae.
Class 127. Nelumbium.
Class 128. Other aquatics.

Group 37.

CLIMBING PLANTS.

Class 129. Hardy climbing plants.
Class 130. Tender climbing plants.
Class 131. Summer blooming climbing plants.

Group 38.

WILD PLANTS.

Class 132. Native wild plants and flowers.

Group 39.

PERENNIALS.

Class 133. Hardy herbaceous [illegible]

Group 40.

SHRUBS AND TREES.

Class 134. Hardy flowering [illegible]
Class 135. Hardy deciduous [illegible]
Class 136. Conifers or evergreens.

Group 41.

CUT FLOWERS.

Class 137. Cut flowers, floral designs [illegible] dried flowers and leaves.

Group 42.

RECEPTACLES AND STANDS FOR PLANTS.

Class 138. Receptacles for plants, flower pots, plant boxes and tubs, fern cases, jardinieres, plant and flower stands, iron stands, iron and wooden plant vases, ornate designs in flower stands.

Group 43.

APPLIANCES, METHODS, ETC.

Class 139. Hot houses, conservatories, methods of construction, management and operation.
Class 140. Heating apparatus for hot-houses and conservatories.
Class 141. Seats, chairs and adjuncts for the garden and conservatory.
Class 142. Ornamental wire-work, trellises, fences, borders, labels for plants and trees.
Class 143. Garden and nursery administration and management.
Class 144. Floriculture and arboriculture as arts of design and decoration. Landscape gardening. Designs for commercial gardens, nurseries, graperies, and the parterre. Treatment of water for ornamental purposes, cascades, fountains, reservoirs, lakes. Formation and after-treatment of lawns.
Class 145. Garden construction, building rock-work grottoes, rustic construction and adornment for private and public grounds. Planting, fertilizing and appliances.

Group 44.

LITERATURE.

Class 146. Literature, history and statistics of floriculture.

IN A recent issue of the St. Louis Republic appears a portrait and an account of the life of Dr. George Engelmann, the famous botanist, who made St. Louis his home from 1835 until his death in 1884. One of the treasures of the library of the Missouri Botanical Garden is a collection of sixty volumes containing the notes and memoranda made by Dr. Engelmann of his botanical labors.

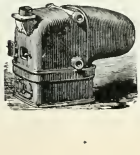
MACON, GA.—The disease known as Cercospora violae has been discovered on violets in this vicinity. A report from the authorities at Washington is that no practicable remedy for this disease has been found except to cut off and burn all affected leaves to prevent its spread.

OCEANIC, N. J.—The Monmouth County Horticultural Society will have a permanent exhibition at the Pan-American Exposition in Buffalo the coming summer.

EVANSVILLE, IND.—Jno. C. Ellspermann has been laid up with pneumonia since Jan. 15, but is now convalescing.

COLUMBUS, O.—Fire did about $300 damage to the greenhouses of the Livingston Seed Co., Feb. 9.

BLOOMINGTON, ILL.—William Longworth, a pioneer nurseryman, died Feb. 14, aged 78 years.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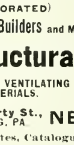

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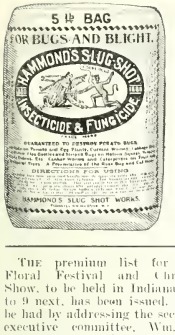

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THE premium list for the Indiana Floral Festival and Chrysanthemum Show, to be held in Indianapolis Nov. 5 to 9 next, has been issued. Copies may be had by addressing the secretary of the executive committee, Wm. G. Bertermann, 241 Massachusetts avenue, Indianapolis, Ind.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—As florist and gardener by Christian young man on a private place; has had 12 years' experience on good places; strictly temperate; can furnish good references; state wages. Address R. F., care Florists' Review.

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SITUATION WANTED—By young married man as foreman in a commercial place; am thoroughly experienced in all branches of the business; can give best of references. Address Louis E. Flindt, 317 Fitzhugh Street, Saginaw, Mich.

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SITUATION WANTED—By a thoroughly first class up-to-date designer, decorator and salesman in a large city; best of references. Address Decorator, care Florists' Review.

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"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

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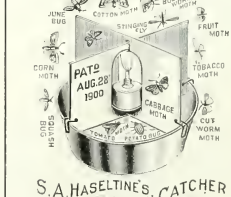

S. A. HASELTINE'S MOTH CATCHER

MOTH CATCHER--New--Great Invention.

Protects Orchards, Gardens, etc., from Worms. Cheaper and Better than Spraying. Try it. Agents Wanted. Write quick or others may get your territory. Send for testimonials, agents' terms, etc.

Small size, 85c; large size, $1.00.

Address S. A. HASELTINE, Springfield, Mo.

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Red Pots.

Sample Pot and Price List on application.

C. C. POLLWORTH CO.
MILWAUKEE, WIS.

Mention The Review when you write.

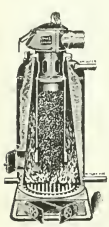
SOCIETY OF AMERICAN FLORISTS.

The secretary's office has been removed from 67 Bromfield street to 79 Milk street, Boston, and all communications should be sent to the new address.

A. C. Zvolanek, Grand View, N. J., registers new sweet pea Miss Helen Gould. Flowers very large, over two inches in diameter, pure white edged light pink; stems very long, bearing usually four flowers; plants six feet high, foliage dark and narrow. A seedling from Florence E. Denzer.

Wm. J. Stewart, Sec'y.

We have received from Mr. Samuel Murray, Kansas City, Mo., a copy of a sixteen-page pamphlet he has designed for circulation among retail buyers, and which is entitled "A few hints to those who have plants and flowers in their homes." It is freely illustrated by engravings of floral arrangements and plants, and will undoubtedly prove effective advertising for his retail business.



WILKS HOT WATER HEATERS.

Best made for GREENHOUSES.

SELF-FEEDING MAGAZINE.

All Steel. Simple, Strong, Durable.

Send for Catalog, etc.

S. WILKS MANF'G. CO.

63, 65 S. Clinton St. CHICAGO.

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Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works, Richmond, Ind.

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Holds Glass Firmly

See the Point ☞ The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 100 points 75 cents, postpaid.

HENRY A. DREER, 714 Chestnut St., Phila., Pa.

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YOU WILL NEED A

FINLEY ROTARY LAWN RAKE next summer. Send for illustrated circular telling why.

FINLEY LAWN RAKE CO., JOLIET, ILL.

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High Grade BOILERS

Get our Catalogue. For GREENHOUSES.

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y.

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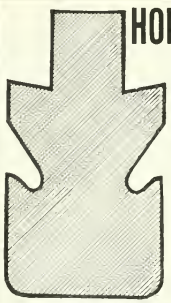


HORTICULTURAL ARCHITECTS

And the Largest Builders of Greenhouse Structures.

RED GULF....

CYPRESS GREENHOUSE MATERIAL

STRICTLY FREE FROM SAP.

Largest Stock of Air Dried Cypress in the North.

Greenhouse Catalogue, also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM COMPANY,

NEW YORK OFFICE: St. James Bldg., Broadway and 26th St.

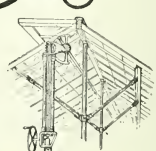
GENERAL OFFICE AND WORKS: Irvington-on-the-Hudson, N. Y.

See That Ledge,

Pat. Sept. 18, 1900.

THE JENNINGS IMPROVED IRON GUTTER.

ESTIMATES FURNISHED ON CYPRESS GREENHOUSE MATERIAL WITH OR WITHOUT OUR Patent Iron Gutters and Plates, NO THREADS TO CUT FOR OUR Patent Iron Bench Fittings and Roof Supports, VENTILATING APPARATUS.



Send four cents in stamps for our circulars and catalogue.

JENNINGS BROS., OLNEY, PHILA., PA.

GARLAND'S IRON GUTTER

No Ledge to accumulate dirt and rot off bars.

This Gutter will save money in cost of construction.

GEO. M. GARLAND, DES PLAINES, ILL.

HITCHINGS & CO.

233 MERCER STREET, NEW YORK.

GREENHOUSE BUILDING,

VENTILATING APPARATUS

HOT WATER BOILERS, PIPES AND FITTINGS.

SEND FOUR CENTS FOR CATALOGUE.

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CHAS. KROESCHELL, PRES'T. ALBERT KROESCHELL, VICE-PRES'T. OTTO KROESCHELL, SEC'Y AND TREAS.

KROESCHELL BROS. CO.

CHICAGO

Kroeschell Bros. Co., Chicago, Ill. BLUE ISLAND, ILL., March 11, 1894.
GENTLEMEN: Your favor of the 8th inst. asking me for an expression of my views as regards your Heaters as compared to others I have tried, is at hand.

Will say, in the fourteen years since we began, we have made three changes in our Heaters, and these changes made, and built to satisfy the wants of our customers. We have about 250,000 feet of pipe in the two buildings of your other, and I can truly say I prefer it, and consider it, by long odds, the best Heater on the market. After three years' use of one and one year of the with the large business we have done with the success you deserve, I am,
Yours truly,
CHAS. FIREYFOLK,
Blue Island, Ill.

If you want a new Boiler this year, let us give you a figure on one now.

Prices of steel may advance later on the same as has been the case with Glass.

Will book your order at present low prices, and deliver the Boiler any time you want it next Spring or Summer.

Yours,

WATER SPACE ALL AROUND THE FIRE!

NILES CENTRE, COOK CO., ILL., March 20, 1894.
Messrs. Kroeschell Bros. Co.,
Chicago, Ill.
GENTS: Those two boilers you made for me are the best I ever used. I have used more than twenty different kinds of boilers, and never saved so much fuel as I did this winter with your boiler.
Truly yours,
F. STIELOW, Florist,
Niles Centre, Cook Co., Ill.

EVANSTON, ILL., March 20, 1894.
Messrs. Kroeschell Bros. Co.
Chicago, Ill.
DEAR SIRS: Replying to your favor would state that I have in use three of your Improved Green House Boilers, which I have had for five years. Before purchasing yours I had been using the Devine Boiler. Before purchasing your boiler, I had been using the Devine Boiler. I like your boiler better because it has water front and water back, which allows no heat to escape. The saving of fuel is about one-fourth, as compared with other boilers. The saving of water back, which allows no heat to escape. The saving of fuel is about one-fourth. Your boiler is easier to run than other boilers.
Yours truly,
M. WYLAND,
Evanston, Ill.

The Snow Question.

THE recent heavy snow storm in Chicago and vicinity gave us an opportunity to get some photographs showing just how the **GARLAND IRON GUTTER** affects snow on greenhouse roofs.

How the Snow Laid on the Wooden Gutter Houses.

How the Snow Didn't Lay on the Garland Iron Gutter Houses.
(These photographs were taken the same day and the same hour).

Above are two reproductions of two photographs taken at the same time at the establishment of Messrs. Wietor Bros., High Ridge, Chicago. The first shows the old style houses with wooden gutters and the second shows houses with the **Garland Iron Gutter.**

At first it seems incredible that an iron gutter could make such a difference, but not when you stop to think. Iron is a good conductor of heat and wood is not. The iron gutters absorb enough heat from the inside of the house to start melting at once the snow falls, no matter how severe the weather. Wood doesn't absorb enough to have any appreciable effect.

If you are interested in this matter write for further information to

GEO. M. GARLAND, Des Plaines, Ill.

THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, FEBRUARY 28, 1901. No. 170.

THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., Flatbush, N. Y.

IRENE

THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

CRABB & HUNTER, GRAND RAPIDS, MICH.

WM. F. KASTING
WHOLESALE COMMISSION FLORIST....
ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

481 Washington St., BUFFALO, N. Y.
Open Day and Night. Give Us a Trial. We Can Please You.

THE RIGHT KIND OF
A BIRTHDAY PRESENT
IS SOMETIMES DIFFICULT TO SELECT. A COPY OF
THE FLORISTS' MANUAL
By WM. SCOTT,
WILL EXACTLY FILL THE BILL.
PRICE $5.00 DELIVERED.
FLORISTS' PUB. CO., Caxton Building, CHICAGO.

The Review's Classified Advs.
ARE A GREAT CONVENIENCE is the verdict of the buyers.
"It is so easy to find what you want."

Hoosier Maid. The Great Winter Bloomer.
Large white, does not get weak necked, sleepy, nor split in mid-winter. $8.00 per 100. $2.00 for 25. Prepaid. Cash with order.
ANDERS RASMUSSEN, NEW ALBANY, IND.

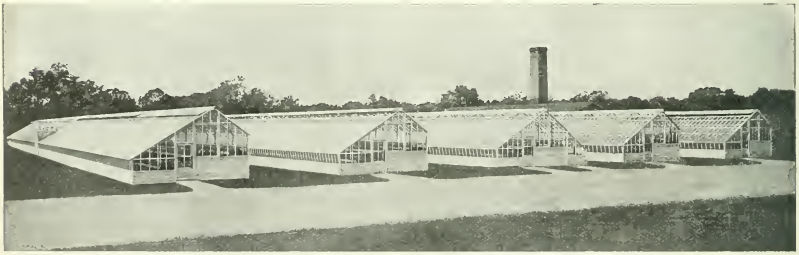
HITCHINGS & CO.

ESTABLISHED 1844.

Horticultural Architects and Builders

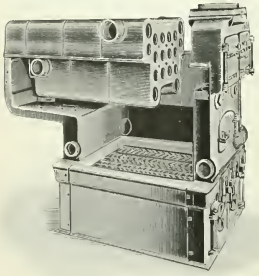
AND MANUFACTURERS OF

Greenhouse Heating and Ventilating Apparatus



A range of five three-quarter span Rose Houses, 300 feet long, with connecting passage, erected by us in Rowayton, Conn.

BUILDERS OF IRON FRAME GREENHOUSES. Rose Houses, Palm Houses and Conservatories erected complete with our Patent Iron Frame Construction.

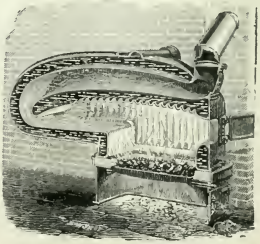


Our New Sectional Tubular Boiler.

Structural Material Furnished Ready for Erection.

Hot Water Boilers For Greenhouse Heating

PERFECT SASH RAISING APPARATUS.



Our Well-known Corrugated Fire Box Boiler.

Hitchings & Co.

233 Mercer Street,

NEW YORK CITY.

Send 4 Cents for Illustrated Catalogue.

NOVELTIES FOR 1901.

New Carnations

We also have a fine stock of the following varieties:

Lawson,
Morning Glory,
Olympia,
Marquise,
Genevieve Lord,
Ethel Crocker,
Crane,
Maceo,
Gomez,
Mrs. G. M. Bradt,
White Cloud,
William Scott,
Mrs. James Dean,
McGowan,
Bon Ton,
Etc.

Governor Roosevelt (Ward). The finest crimson to date. The flower is full, having a large number of petals which are so perfectly and regularly arranged that the periphery of the flower produces a perfect semi-circle. The size averages fully three inches in diameter through the season. It is a vigorous healthy grower, the foliage being of that rich glaucus green color that characterizes our most vigorous and most productive carnations. Awarded National Society's Certificate, **93 points.**

Price, $2.50 per doz.; $12.00 per 100; $100.00 per 1000.

Golden Beauty (Ward). Clear lemon yellow, slightly tinged with pink at the edge of the petal. Habit very similar to Gold Nugget but a stronger, more vigorous grower; well worthy of a thorough trial. Stock limited.

Price, $2.00 per doz.; $12.00 per 100.

Lorna (Dorner). Flower pure white, fragrant, being three and one-half inches in diameter. Comparing it to White Cloud, its parent, it shows a decided improvement, having a more compact and stronger growth. It is a pure white, and also an earlier, freer and continuous bloomer.

Price, $2.00 per doz.; $10.00 per 100; $75.00 per 1000.

	100	1000
Novelty (Ward). A fancy yellow	$12.00	
Mermaid (Dorner). A delicate pink	6.00	$50.00
Prosperity (Dailledouze). An immense fancy	16.00	130.00
Dorothy (Graves). A free pink	10.00	75.00
Bon Homme Richard (C. C. Co.) White blush	10.00	75.00
Prolifica (C. C. Co.) Cerise pink	10.00	75.00
California Gold (Sievers). Free blooming yellow	$10.00	$75.00
Norway (Weber). A fine white	10.00	75.00
Queen Louise (Dillon). A prolific white	10.00	75.00
Sunbeam (C. C. Co.) Light pink	10.00	75.00
Nydia (C. C. Co.) Variegated white	10.00	75.00
Beau Ideal (Pierce) Light pink	12.00	100.00

DESCRIPTIVE CATALOGUE SENT ON REQUEST.

THE COTTAGE GARDENS,
QUEENS, NEW YORK.

ESTABLISHED 1802

THORBURN'S SEEDS

Fresh Seeds Now on Hand.

Asparagus Sprengeri, $3.00 per 1000
Asparagus Plumosus Nanus..... 8.00 "
Cocos Weddeliana .... 7.00 "

Wholesale price list of High Class Flower Seeds, etc., for florists, free on application.

J. M. THORBURN & CO.
(Late of 15 John St.)
36 CORTLANDT STREET, NEW YORK.

Mention The Review when you write.

HAVE YOU SEEN THE LORRAINES?

These new Begonias are sure to be in great demand. LET US BOOK YOUR ORDER NOW FOR JUNE DELIVERY.

Gloire de Lorraine, $15.00 per 100.
Light Pink Lorraine (Lonsdale's variety), $25.00 per 100.
Are also booking orders for New Chrysanthemums, Carnations, Cannas and Geraniums.
CATALOGUE FREE.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

USE Up-to-date **FLORISTS' SUPPLIES.**

M. RICE & CO.

Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.
Catalogue for the asking.

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ORCHIDS..

We are headquarters for Orchids in the United States, both imported and established. Also materials such as peat, moss and baskets.

Our new price list for 1901 now ready.

Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

Mention The Review when you write.

500,000 VERBENAS....

80 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000. Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings. Send for list. **J. L. DILLON, Bloomsburg, Pa.**

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When you read this our

AMERICAN BEAUTY CUTTINGS.....

Will be ready to ship out. Order 100 at $3.00, or 1000 at $25.00 of
GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

MR. WM. MUNRO, ONE OF THE JUDGES
APPOINTED BY THE PHILADELPHIA FLORIST CLUB TO JUDGE
OUR GRAND NEW ROSE

Queen of Edgely

PINK AMERICAN BEAUTY,

Writes — December 31, 1900, as follows: —

"Having had the pleasure of visiting your greenhouses and seeing — for the first time — your new rose 'Queen of Edgely' growing on the plants, I should like to say that my first impression as regards its **sterling worth** has been greatly strengthened. At the time of my visit it was a sight **worth going a long way to see,** having stems **6 to 8 feet** long. With its **luxuriant foliage, exquisite color and fragrance, large size of bloom,** together with its **free budding qualities,** I consider it a **grand introduction** and a **money maker** for all growers of American Beauty Roses."

Lansdowne, Pa. Truly yours, WM. MUNRO.

PLANTS READY FOR DISTRIBUTION, - - APRIL, 1901.

For particulars apply to

ROBT. CRAIG & SON, Eastern Agts.
49th and Market Sts., PHILADELPHIA.

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RICHMOND, IND.

THE FLORAL EXCHANGE, Inc.
335 N. 6th Street,
PHILADELPHIA, PA.

Are You in Need of $ Dollars?

I can give them to you by your buying goods from ME.

NOTHING BUT THE VERY BEST HANDLED.

GLADIOLUS XXX, the finest mixture in the market for florists, $12.00 per 1000; $1 50 per 100.
TUBEROSES, extra fine dwarf Pearl, barrels containing 800 and 900 each, $1 00 and $7.00.
CALADIUM ESCULENTUM, extra fine, 9 x 12 inch circ., $7.50 per 100. Good size, 6 x 9 inch circ., $3.00 per 100.
TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs, $2.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
LILACS, in 4 varieties, $15.00 per 100. **AZALEA MOLLIS,** fine, $15 per 100. **AZALEA PONTICA,** $15.00 per 100. **RHODODENDRONS,** fine, $15.00 per 100 up. **PAEONIA SINENSIS,** $16.00 per 100. These are the finest named varieties in existence.
H. P. ROSES, extra fine, $10.00 per 100.
CRIMSON RAMBLERS, very strong, $30 00 per 100.
Prices on all other stock for Spring and Fall delivery cheerfully given by

F. W. O. SCHMITZ, - Jersey City, N. J.

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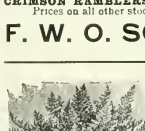


Jap. Fern Balls
One of best **Easter Sellers.** Start them now. We offer 7 8-inch each, 40c; dozen, $3.50; 100, $27.00. Monster, 9 11-in. each, 65c; dozen, $6.50. **Beautiful Fern Wreaths,** 12-in. each, 40c; doz., $4.; 100, $10.

10-in., each, 40c; doz., $4; 100, $35.

EXTRA Choice strain Tub, Begonias, single, in separate color, large bulbs, doz. 40c; 100, $2.50. Double Begonias, doz. 75c; 100, $5. Caladium, fancy leaved, finest named, doz., $1.50; 100, $10.

Send for **New List** all summer flowering Bulbs, Seeds, etc. **FLOWER SEEDS READY.**

Address **H. H. BERGER & CO.,**
Est. 1878. **47 Barclay St., New York.**

STOP Walking the Floor! You wont be disappointed if you place your orders FOR

SOUTHERN WILD SMILAX

WITH

CALDWELL THE WOODSMAN CO., Evergreen, Ala.,

Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.

Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.

Mention The Review when you write.

JOSEPH HEACOCK, Wyncote, Pa., Grower of

ARECA LUTESCENS,
KENTIA BELMOREANA,
KENTIA FORSTERIANA,
LATANIA BORBONICA.

Write for Price List.

REED & KELLER,

119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers of..... **Florists' Wire Designs,**
Importers and Dealers in **Florists' Supplies.**
Galax Leaves and all Decorative Greens.

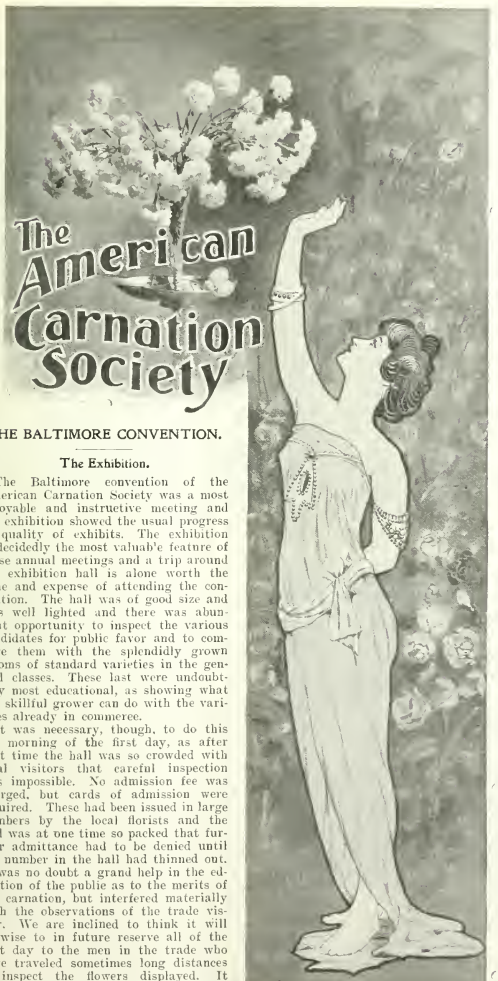
Mention The Review when you write.

Fine all round **LAUREL FESTOONING,** 4c, 5c and 6c per yard, all hand made and of best material. Galax Leaves, bronze and green, 75c per 1000. Dagger and Fancy Ferns at market prices. Write or telegraph for prices on large quantities of Laurel Festooning.

Remember we are headquarters for best goods always.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

Mention The Review when you write.



THE BALTIMORE CONVENTION.

The Exhibition.

The Baltimore convention of the American Carnation Society was a most enjoyable and instructive meeting and the exhibition showed the usual progress in quality of exhibits. The exhibition is decidedly the most valuable feature of these annual meetings and a trip around the exhibition hall is alone worth the time and expense of attending the convention. The hall was of good size and was well lighted and there was abundant opportunity to inspect the various candidates for public favor and to compare them with the splendidly grown blooms of standard varieties in the general classes. These last were undoubtedly most educational, as showing what the skillful grower can do with the varieties already in commerce.

It was necessary, though, to do this the morning of the first day, as after that time the hall was so crowded with local visitors that careful inspection was impossible. No admission fee was charged, but cards of admission were required. These had been issued in large numbers by the local florists and the hall was at one time so packed that further admittance had to be denied until the number in the hall had thinned out. It was no doubt a grand help in the education of the public as to the merits of the carnation, but interfered materially with the observations of the trade visitor. We are inclined to think it will be wise to in future reserve all of the first day to the men in the trade who have traveled sometimes long distances to inspect the flowers displayed. It would be a mistake to exclude the public entirely, but the first and most important object of the exhibition should not be lost sight of, or the opportunities of the trade visitor curtailed.

Among the flowers on display the Lawson seemed to stand out most prominently and some superb blooms were shown, notably those from Mr. Peter Fisher, the originator. We were more than ever convinced that the Lawson has come to stay and that it will long hold a prominent position among standard sorts. Weber & Sons' Norway, as a white, made a most agreeable impression, and we heard it commented upon favorably by many good judges. Witterstaetter's Adonis and Estelle attracted instant attention, and he had several promising seedlings also. Mr. C. W. Ward made a very large display and his flowers were a prominent feature. Several of his seedlings were exhibited and his vase of 100 Roosevelt was especially fine. Crane seemed to be the most prominent scarlet in the general classes, and Marquis was an important factor among the light pinks, as was also Frances Joost. Prosperity was naturally a great attraction, and a vase of splendid blooms was shown. The Chicago Carnation Co. made a large display of fine blooms, but they had unfortunately suffered from the long shipment. Wietor Bros., Chicago, showed a vase of fine blooms of their pink sport of Armazindy.

Some superb blooms of Liberty rose were shown by Isaac H. Moss, of Baltimore. We have never seen this rose in better form. It is evident that Liberty can be well done at other places than West Hoboken, N. J. Mr. Moss also showed some splendid blooms of Golden Gate. These flowers may be seen in the same picture with the carnation basket in this issue. A vase of white Golden Gate roses shown by the American Rose Company, Washington, D. C., attracted much attention. The blooms were immense. It is identical in form with Golden Gate. This vase may be seen in one of the pictures to the right of the carpet bedding design.

The carpet bed shown in one of the engravings represents the coat of arms of the state of Maryland and was arranged by Mr. Charles L. Seybold, superintendent of Patterson Park, Baltimore, whose portrait appeared on page 352, of our issue of Feb. 14. It was well executed and attracted much attention.

The pictures in this issue will give a good idea of the extent and quality of the exhibition and we will let the judges' awards tell the rest. The judges of seedlings were Messrs. P. O'Mara, New York; Wm. Scott, Buffalo, N. Y.; Wm. Nicholson, Framingham, Mass. The judges in the general classes were Messrs. S. J. Reuter, Westerly, R. I.; M. A. Patten, Tewksbury, Mass.; C. H. Allen, Floral Park, N. Y.

The Awards.

CERTIFICATES OF MERIT.

Certificates of merit were awarded to C. Warburton, of Fall River, Mass., for Cressbrook, pink, 94 points.

To C. W. Ward, for Dorothy Whitney, yellow, 87 points.

To C. W. Ward, for Harry Fenn, 89 points.

To C. W. Ward, for Golden Beauty, 87 points.

To Weber & Sons, for Norway, white, 91 points.

GENERAL PREMIUMS—CLASS A.

100 White—Weber & Sons, Oakland, Md., first with Norway; Craig & Son, Philadelphia, second with White Cloud.

100 Light Pink—L. E. Marquisee, Syracuse, N. Y., first with The Marquis; Dailledouze Bros., Flatbush, N. Y., second with Blush, seedling.

100 Dark Pink—Peter Fisher, Ellis, Mass., first, and Chicago Carnation Co., Joliet, Ill., second, both with Lawson.

100 Scarlet—C. W. Ward, Queens, N. Y., first with Crane; C. W. Ward second with Joseph H. Manley.

100 Crimson—C. W. Ward first with Gov. Roosevelt; C. W. Ward second with Harry Fenn.

100 Yellow Variegated—C. W. Ward first with Golden Beauty; C. Besold,

Mineola, N. Y., second with Admiral Cervera.

100 White Variegated—C. W. Ward first, and Halliday Bros., Baltimore, second, both with Bradt.

CLASS B.

50 White—M. A. Patten, Tewksbury, Mass., first with White Cloud; Lehr Bros, Baltimore, second.

50 Light Pink—John Cook, Baltimore, first with Joost; Isaac H. Moss, Baltimore, second with Melba.

50 Scarlet—Lehr Bros. first and J. M. Rider second, both with Crane.

50 Crimson—Halliday Bros. first with Gomez.

50 Yellow Variegated—Halliday Bros. with Gold Nugget.

50 White Variegated—I. H. Moss first and J. M. Rider second, both with Bradt.

INTRODUCTIONS OF 1900—CLASS C.

25 Light Pink—L. E. Marquisee first and Craig & Son second, both with The Marquis.

25 Dark Pink—Weber & Sons first and Peter Fisher second, both with Lawson.

25 White Variegated—J. N. May first and Craig & Son second, both with Olympia.

SPECIAL PREMIUMS.

Weber & Sons premiums for best 100 Genevieve Lord—Halliday Bros., for best 25 do, I. H. Moss.

The Craig-Hill-Herr premium for best 100 Ethel Crocker—Halliday Bros.

Weber & Sons captured the Fisher cup awarded for best vase, 50 blooms, of Mrs. Thomas W. Lawson.

The Lawson gold medal, for best vase of 100 blooms, any variety or color, was awarded to Peter Fisher for Mrs. Thomas W. Lawson.

The Lawson silver medal, for best 25 blooms of a seedling carnation undisseminated, to R. Witterstaetter for Adonis.

The Lawson bronze medal for best 12 blooms of a seedling carnation undisseminated, to Weber & Sons for Norway.

The D. Thomas prize of $25 for best seedling raised in Baltimore, was awarded to C. Akehurst & Son, White Marsh, Md., for an unnamed purple seedling.

GENERAL EXHIBITS.

Robert Kift, Philadelphia, Pa., exhibited his Fairy Vase, stands and adjustable vase holding rods for decorative purposes, also rubber capped flower tubes useful for keeping flowers supplied with water for long shipping and for use separately in decorations. He also exhibited a very fine mirror arrangement displaying the use of the above.

Messrs. Cullom & Ibbotson, Pencoyd, Pa., displayed a new carnation support.

Samuel S. Pennock, Philadelphia, made a large display of ribbons, some of them double faced and very useful and ornamental. He also displayed water proof bouquet holders made of ribbon and tassels that were very much admired by both the trade and the public.

E. Hippard, Youngstown, Ohio, displayed a new galvanized greenhouse gutter, a very simple apparatus and a great acquisition to growers having adjoining houses.

View from the stage.

The Carnation Society's Exhibition at Baltimore.

John Kuhn, of Philadelphia, took the Lippincott silver cup for best vase, 50 blooms, Mrs. Bertram Lippincott.

The American Carnation Society's cup for best arrangement of carnation blooms, was taken by Peter Fisher (see engraving).

The E. H. Michel cup, for the largest and finest display at this show, went to C. W. Ward.

The Cottage Gardens cup, for best variegated seedling carnation, with white ground, not yet distributed, was taken by C. W. Ward.

J. A. Peterson, Cincinnati, O., showed some fine plants of Adiantum Farleyense.

Joseph Heacock & Son, Wyncote, Pa., exhibited vases of American Beauty that were of exceptional merit.

M. Paterson Johnson, Baltimore, Md., exhibited five vases consisting of Bride, Bridesmaid, Liberty, American Beauties and two vases of Marie Louise violets all of extra good quality and a fine exhibit.

White Golden Gate, two extra fine vases, showing it to be a magnificent flower and worthy of a certificate of merit. Shown by the American Rose Co., Washington, D. C.

Frank E. Craemer, Hanover, Pa., an extra well colored vase of Mme. de Watteville.

John N. May exhibited the new rose Mrs. Oliver Ames, a lovely delicate blush pink rose, a sport from Mrs. Pierpont Morgan; this will prove a grand acquisition and a certificate of merit is worthy of consideration.

Mrs. T. Harrison Garrett, Baltimore, Md., exhibited a nice collection of roses consisting of Brides and Bridesmaids and it is especially commended.

Mr. John Cook, Baltimore, Md., exhibited a nice collection of carnations and seedling roses deserving of special mention.

Myers & Samtman, Chestnut Hill, Pa., exhibited a nice vase of American Beauty.

Eli Cross, Grand Rapids, Mich., exhibited nice bunches of violets, white and blue, and of extra good quality.

Mr. John Cook, Baltimore, Md., exhibited a fine vase of his new rose Baltimore, Antoin Revior and Lady Mary Fitzwilliam, a lovely blush white rose of large size, and will make a valuable addition to our list of roses. Certificate of merit recommended.

Mrs. T. Harrison Garrett, Baltimore, Md., made a nice exhibit of palms and decorative plants in center of hall worthy of special mention.

Mr. Chas. Seybold, Patterson Park, Baltimore, Md., exhibited a very large and pretty garden bed design worked out with great skill and deserving of special mention.

RULES FOR JUDGING.

The judges of seedlings had the following instructions, adopted at the Thursday morning session, to guide them:

"All judging in these classes shall be by comparison with existing varieties only.

"Color (25 points). The variety under judgment shall be compared with the best variety of its color extant and be awarded points proportionate to its color value.

"Size (20 points). The variety shall be compared with the largest existing variety, regardless of color, and be awarded points proportionate to its size.

"Stem (20 points). The strength of the stem should be sufficient to carry the flower erect, and the length should be sufficient to display the flower to the best advantage. It is desirable that a stem should be provided with numerous and broad leaflets, as giving better effect when the flowers are arranged in bunches The variety should be compared with that existing variety which best combines these requirements.

"Form (15 points). Comparison shall be had with such existing variety as shall show the best form. Defective form, due to bursted calyxes, shall be considered under this head.

"Substance (10 points). Comparison shall be made with the existing variety having the greatest substance.

Calyx (5 points). The standard of comparison shall be that variety extant having a calyx which most securely and regularly supports the petals and, from its general characteristics, shows the least liability to burst.

"Fragrance (5 points). Comparison shall be had with the most fragrant variety extant.

"Explanatory.—In case any new va-

View from the Balcony.

The Carnation Society's Exhibition at Baltimore.

riety under consideration shall be equal to or exceed the standard in any of the foregoing comparisons, it shall be given the full number of points allowed to the attribute in question. If the variety under judgment shall show in its attributes a marked departure from existing types and if, in the opinion of the judges, such departure from existing types shall give the variety unusual and exceptional merit value, the judges shall be authorized to award a certificate on the ground of 'novelty,' although the variety in question may not, under the regular scale, score points enough to entitle it to such award. It is not contemplated that such action will be taken by the judges save in exceptional cases and, when taken, their report shall specify the number of points scored under the regular scale and shall give a full explanation of the reasons for such extraordinary award."

All awards made by the judges shall be subject to the approval of the Society. All certificate awards shall give the full number of points scored by each variety under each separate heading.

The Meetings.

The Thursday morning session was very brief and the only business transacted was the selection of judges and the adoption of rules for their guidance.

At 4 o'clock in the afternoon Mayor Hayes welcomed the visitors from the stage in the exhibition hall. He voiced a hearty welcome on behalf of the citizens of Baltimore, who, he said, were never happier than when extending hospitality to the stranger. He said that the city highly appreciated the honor done it in selecting it for the annual meeting of the society. He presumed the visitors had already discovered the fact that among Baltimore's attractions were the prettiest women that ever lived. He extended the freedom of the city to the visitors, and his cordial greeting was received with much applause.

Mr. Wm. Fraser followed and extended a welcome on behalf of the Gardeners' Club of Baltimore. He spoke of the work of the society and praised the magnificent flowers on exhibition. He said the most important part of the society's work was passing upon the merits of candidates for favor in the carnation world and added that without the indorsement of the judges of the society a new variety would find difficulty in getting attention from any grower. He said the "Divine flower" was comparable only to "Divine woman."

Robert Craig responded on behalf of the society and after thanking the mayor and the Gardeners' Club for their cordial welcome said that the reputation of Baltimore as a most hospitable city was well known. He spoke of the value of the meetings and the exhibitions in educating the general public as well as the members. Referring to what the preceding speakers had said regarding Baltimore's beautiful women he said they were the only thing in nature more beautiful than the carnation.

Thursday evening Prof. Albert F. Woods read his very interesting and instructive paper on carnation diseases, which appears in this issue, together with the discussion on same.

Friday morning President Robert Halliday read his address as follows:

President's Address.

The wonderful progress made in late years, the rapid strides to popular favor made by the carnation, at whose shrine we are worshiping today, is not a craze, for as long as flowers exist, this beautiful creation of the old-fashioned pink will have its place in the heart of every flower lover, and deservedly so.

That state of perfection at which it has already arrived should make every grower, every introducer of a new variety feel a pardonable personal pride, for not only has his work been well done, but it is still growing, and there is yet a wide field in which to work.

When we stop to think of the possibilities wrapped up in this symphony of loveliness, it is with a keen delight and all-absorbing interest that we walk into the seedling house in the morning and note the development of the opening flower, whose label is only marked with the hieroglyphics of the hybridizer. With all its trials and disappointments, it is still fascinating beyond compare to the true carnationist.

Can you tell me of a flower that responds so kindly to generous treatment? From a grower's standpoint it is a breadwinner when properly handled. Can you mention a flower that will give as much pleasure to your customer, that will keep the same length of time in water when cut, that has the diversity of color, or can fill a room with such a pleasing spicy odor, that insidious perfume known to the carnation alone—can you name a flower its equal at the same price?

It has been our privilege this season to arrange several decorations made up of nothing but carnations, with no other foliage than that of their own graceful feathery green, and I cannot remember a more pleasing effect. From the beautiful rose shade of the Genevieve Lord to the dark crimson maroon of the General Gomez, each with its accompanying green foliage, we have produced some exceedingly attractive table effects. Ethel Crocker in all her majesty has adorned the dinner table of many of old Maryland's most prominent homes, and so in our own small way we can note, and with much pleasure, the growing demand of this most popular flower.

Some years ago we stopped growing roses and started in to push the carnation, thinking it was to our best interests to buy our roses and if possible grow all the carnations sold over our counters. Our friends thought at the time that we were making a very foolish move, but time has proved its wisdom; house after house we planted, until our whole plant is now devoted to carnations alone for cut flowers only, consequently, we are now in a position to guarantee our customers good fresh cut flowers, and flowers that will not grow tired and sleepy in three or four hours.

What a pleasure it is to have the society leader come back to you and say that "her ten dozen Gomez lasted six or seven days, and she even then hated to throw them away," so let me ask you growers, is it not much to your advantage to have the retail customers receive good, strong, fresh flowers that will keep several days? Give your store man a chance, send him your flowers direct, don't let the blooms hang so long for the sake of size that they are almost past when you put them in the shipping box; remember that good flowers will sell themselves.

Like my distinguished friend, Mr. William P. Craig, and I quote him when I say that "our judges and our growers do not pay enough attention to the lasting and keeping qualities of the carnation, for it is most essential to your customer and your store man," then throw out your poor keepers, for they will not increase your business, nor will they boom the carnation.

I hear the cry from all over the country we are badly in need of a good white—and I sincerely hope that this exhibition will bring out one of sterling merit. Give us a Flora Hill flower on a White Cloud stem, and the flowering qualities of a William Scott; we need it badly.

I have not had the pleasure of seeing Norway, but I must say one word about our Maryland growers, of whom I am very proud, and justly so, especially of our representatives from Oakland, men who have helped push the divine flower up the ladder of fame with an untiring energy and perseverance worthy of the great state that they represent; we believe that they have introduced seedlings worthy to carry their banner the world over and find a place in every collection.

We here in Maryland owe to our worthy vice-president the fact of our being the banner state in regard to membership; his magnetic influence and honest opinions have won many over to the shrine of the carnation.

Secretary's Report.

Your secretary reports having issued the proceedings of the meeting held in Buffalo, N. Y., in due time, and having mailed the same to all members of the society not in arrears for dues.

Through our stenographer not being acquainted with floral terms the report had to undergo numerous changes, and the thanks of the secretary and the society are due to Mr. Alexander Wallace and Mr. Richard Witterstaetter for assistance in making these changes.

Through an oversight no mention was made in last year's report of the very kind donation made toward our permanent fund by each of the trade papers, as follows: The *American Florist*, $30; the *Florists' Exchange*, $25; the *Florists' Review*, $15. The *American Florist* has made an additional donation of $10 for the current year.

Quite a number of individual members of the society have contributed toward this fund, all of which has been properly credited to their account. The thanks of the society are, however, due them for their generosity, and also to those gentlemen who aid the society by their advertisements in the premium list.

The rule adopted at the last meeting compelling all entries to be in the hands of the secretary four days before the meeting has been of immeasurable advantage, and will, I hope, be made a standing rule.

All circular matter sent out by the society is mailed to every member, and if not promptly received, a postal card inquiry will bring a second copy.

Both membership and registration have steadily increased, and from your secretary's point of view we start the new century very auspiciously.

Treasurer's Report.

Treasurer Dorner reported receipts during the year of $882.50, which, added to the old balance of $1,010.61, made the total available funds $1,893.11. The expenditures during the year $878.08, leaving a cash balance of $115.03 and a certificate of deposit for $900.00, making the cash assets $1,015.03 at date.

The New Officers.

Indianapolis was selected as the place for the next annual meeting and officers were elected as follows: Wm. G. Bertermann, Indianapolis, Ind., President; Fred Lemon, Richmond, Ind., Vice-President; Albert M. Herr, Lancaster, Pa., Secretary; F. E. Dorner, Lafayette, Ind., Treasurer.

Exhibition Changes.

The society will in future supply printed labels for standard varieties and exhibits in which the varieties are not labeled will be debarred from competition. Exhibitors showing novelties must attach printed or typewritten labels to insure legibility.

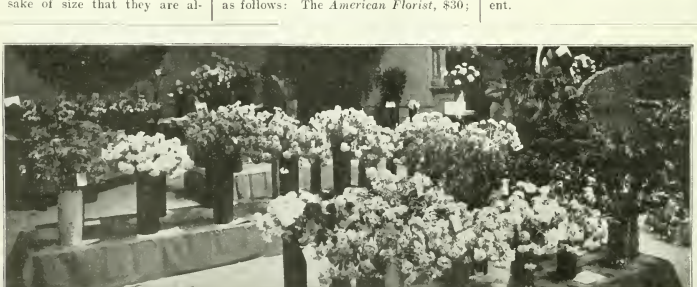
It was decided that in future the gold, silver and bronze medals be awarded as first, second and third prizes in the class for best 100 blooms instead of as at present.

The society will purchase vases of its own to be used at the exhibitions and in this way assure exhibitors of a sufficient supply of vases of suitable sizes.

Other Business.

A letter was received from the American Rose Society inviting a further conference regarding holding the meetings of the two organizations at the same date and expressing the hope that the Carnation Society would make a display at the rose show in New York March 20 and 21.

On a motion by Mr. Ward the executive committee was instructed to have



Seedlings in the foreground and the vases of 100 each back of them.

The Carnation Society's Exhibition at Baltimore.

A view across the hall in front of the stage.

The Carnation Society's Exhibition at Baltimore.

the society incorporated so that it might have a legal existence. As an explanation of his motion Mr. Ward said it was his intention to remember the society substantially in his will, and before this could be made effective the incorporation of the society would be necessary. The announcement was received with applause.

The secretary was requested to take up the matter of securing a special rate from the railroads for the next meeting, the feeling being general that the attendance was now sufficiently large to guarantee the required one hundred from a distance.

A question asked was whether it would not be to the mutual interest of introducer and buyer to have each variety shipped direct to the buyer, and whether March 1 was not too late a date to send out a new variety. Mr. Ward thought that unless the constitution of the carnation could be changed it would be impossible to get up a stock to distribute earlier.

A committee, consisting of Wm. Scott, C. W. Ward and E. G. Hill, was appointed to revise the constitution and by-laws so as to adjust them to the proposed incorporation of the society, and to insert a clause providing for life membership.

The special fund received a great lift during the Friday afternoon session, over $1,200.00 being added to it by the contributions of various members in sums ranging from $5.00 up to $100.00. This special fund is to be invested and the interest only used to further the purposes of the society.

Mr. John W. Garrett, of Baltimore, offered a prize of $50.00 to be used as the society saw fit. A vote of thanks was given the gentleman for his generosity.

Sub-Watering.

In the discussion upon this subject Mr. J. L. Dillon gave a description of his system of sub-watering in solid beds. He makes the beds of cement and uses ashes in the bottom in place of bricks or other material. The cost of these solid beds arranged for sub-watering is 30 cents a running foot, and as the benches average about 4½ feet wide, the cost per square foot is about 7 cents. This is about double the cost of ordinary raised benches, filled with soil ready to plant. He says he gets better plants in the sub-watered beds and 25 per cent more flowers, but added that great care was necessary to give enough water without overdoing it. He is so well pleased with results that he will next year fit another house with these sub-irrigated beds.

Mr. Ward said sub-watering was still in the experimental stage with him and he feared the system needed more care and watching than the average florist could give it. He thought the main advantage was the even distribution of heat and that it was most beneficial in the summer time. Some varieties did much better than others on the sub-watered benches. Bradt did well and White Cloud and Daybreak did not. He was not prepared to indorse sub-watering without reservation.

Notes.

An excellent feature inaugurated by Secretary Herr this year was the identification scheme that has been in use for some years by the American Association of Nurserymen. Each member was provided with a numbered button and a printed list of the members and their numbers. It enabled many to become acquainted or to identify those whom they had previously known through correspondence only. It was very useful and we trust the plan will be continued.

A vase of fine blooms of Lorna, Mr. Dorner's fine new white variety, was displayed on Friday. The flowers had been delayed in transit and arrived too late to be considered by the judges.

Beau Ideal is the name of a promising new pink shown by N. D. Pierce, Norwood, R. I.

On Friday afternoon a large party of the delegates visited the greenhouses of Messrs. Halliday Bros. and were liberally entertained.

On the same afternoon a smaller party were the guests of Judge Sands at his home in Lake Roland. After visiting the greenhouses, the contents of which were in excellent condition, those present were the recipients of the generous hospitality of a Maryland home, and the experience was one to be remembered.

A local paper reported that Mr. Peter Fisher had a slight English accent, russet shoes and a cerise mustache, resembling the color of the Lawson carnation. It caused some little amusement and Mr. Fisher seemed to enjoy the joke with the rest.

During the convention there was a bowling contest between Baltimore and "The World," and "The World" won. An easy explanation of this is that Billy Kasting doesn't live in Baltimore.

Baltimore Hospitality.

Baltimore well maintained its reputation for hospitality and certainly the visitors were never better cared for. The hall being some little distance from the hotel section, the local club served a lunch to all each noon at the back of the stage in the exhibition hall. Oysters were a prominent feature at these lunches and they were served from hollowed out blocks of ice. These and the sandwiches, etc., were supplemented by coffee, claret, punch and other liquids. A report of the banquet on Friday evening will be found under another heading. At the concluding session of the meeting a rising vote of thanks was passed to the Gardeners' Club of Baltimore for the many hospitalities extended.

Those Present.

Among those present from a distance were the following:

New York: P. O'Mara, C. W. Ward, E. Daillediouze, C. H. Allen, A. Wallace, C. Besold, Walter Molatsch, J. W. Withers, F. R. Pierson, J. N. May, Thos. Hegunstenberg.

Philadelphia: J. D. Eisele, Robert Kift, Walter Mott, Robert Craig, W. P. Craig, Edwin Lonsdale, C. W. Cox, H. C. Geiger, Frank Myers, Jos. Heacock, H. F. Michell, John Kuhn, G. C. Watson, C. Eisele, S. S. Skidelsky, Paul Berkowitz, William Graham, V. Groschens, H. Dumont, E. Ashley, J. Hig-

gins, J. Trumbull, A. H. Lancer, G. Denthy, J. A. Shellem, J. A. Hendley, D. E. Fishback, R. H. Feltwell, J. L. Pennock.

Chicago: N. Wietor, J. D. Thompson, James Hartshorne, J. S. Wilson, G. L. Grant.

Washington: W. F. Gude, A. Gude, Benjamin Durfee, W. R. Smith, F. H. Kramer, W. S. Clark, A. W. Thorpe, P. H. Meehan, Peter Bissett, David Bissett, Z. D. Blackistone.

Buffalo: William Scott, W. F. Kasting, C. F. Guenther, W. J. Palmer, Jr.

Pitt-burg: F. Burki, B. L. Elliott, C. Blind.

Cincinnati: R. Witterstaetter, E. G. Gillett, W. K. Partridge, William Jackson, J. A. Peterson.

Grand Rapids, Mich.: G. F. Crabb, Henry Smith.

Sharon, Pa.: John Murchie, E. J. Murchie.

Oakland, Md.: H. Weber, William Weber.

Hagerstown, Md.: H. Holzapfel, H. Bester, H. Bester, Jr.

Harrisburg, Pa.: J. D. Brenneman, John Loban.

Kennett Square, Pa.: William Swayne, J. B. Swayne, J. M. Palmer.

Other points: F. L. Atkins, Rutherford, N. J.; J. H. Dunlop, Toronto, Ont.; Charles Black, Hightstown, Pa.; John Cullen, Pencoyd, Pa.; T. J. Johnston, Providence, R. I.; C. Warburton, Fall River, Mass.; T. E. Edwards, Bridgeton, N. J.; C. H. Atkins, Madison, N. J.; M. A. Whitty, Richmond, Va.; H. Eichholz, Waynesboro, Pa.; P. S. Byrnes, Wickford, R. I.; W. Spillsbury, Woburn, Mass.; W. J. Stewart, Boston; A. H. Lange, Worcester, Mass.; E. N. Pierce, Waltham, Mass.; Charles E. Smith, York, Pa.; C. P. Barnard, Northbrook, Pa.; E. A. Nelson, Indianapolis, Ind.; F. E. Dorner, Lafayette, Ind.; M. A. Patten, Tewkesbury, Mass.; S. J. Reuter, Westerly, R. I.; William Nicholson, Framingham, Mass.; Peter Fisher, Ellis, Mass.; L. E. Marquisee, Syracuse, N. Y.; Benjamin Connell, West Grove, Pa.; A. N. Pierson, Cromwell, Conn.; J. L. Dillon, Bloomsburg, Pa.; Albert M. Herr, Lancaster, Pa.; George Bayer, Toledo, Ohio; J. A. Evans, Richmond, Ind.; E. P. Hostetter, Manheim, Pa.; John G. Esler, Saddle River, N. J.; W. W. Sharpless, Toughkenamon, Pa.; George S. Geiger, Nazareth, Pa.; N. D. Pierce, Norwood, R. I.; L. Dupuy, Whitestone, N. Y.; S. A. Bauer, Erie, Pa.; C. A. Royce, Palmer, Mass.; E. Hippard, Youngstown, Ohio; F. X. Millman, Cumberland, Md.; H. P. Gould, College Park, Md.; R. Vincent, Jr., R. A. Vincent, and C. E. Akehurst, White Marsh, Md.

The Banquet.

The banquet was a grand affair in every way but here we met our Waterloo, for a draught from the stage swept around the spot where wool ought to grow and we lost our voice, but we could enjoy the eloquence and stories of others. Mr. Seidewitz is an ideal chairman and master of ceremonies and the telegrams received from Aguinaldo, Mrs. Nation, Bloomsburg, etc., were most amusing and clever. The mayor of Baltimore responded most eloquently for his city and gave us little of local politics. Mr. Robert Craig was, as he always is, at home on the toast "The Carnation." Few men in or out of the trade can talk so feelingly and yet truthfully as Robert. Baltimore's Park Commissioner is an orator

Seedlings in foreground and General Classes in background.

The Carnation Society's Exhibition at Baltimore.

with a silver ring in his voice that is a delight to hear and his response to "The Public" was a treat.

Mr. Christie, of Baltimore, was natural and witty on "The Ladies" but we are sorry to hear that he has occasion to think any of them so bad that "they ought to be dead." "The Rivals" was ably taken care of by John N. May and after allowing to the Divine Flower its many fine qualities he still claimed for the rose its pre-eminence in the floral world. "Telling Others How" was too much of a toast for William Scott, especially in his exhausted condition and he quickly wandered to the Pan-American, which he has on the brain at present, and where he hoped he would meet all the brethren. When the sage of Syracuse arose we all settled down for a good time and we got it. Mr. Marquisee was loaded with stories and we got half a dozen of his best. (They were not all strictly parlor stories.) Mr. M. has a big head and lots in it and a most delightful way of imparting his wisdom as well as his jokes. The mayor of Annapolis after wise deliberation told him he ought to keep ducks.

In the absence of the venerable W. R. Smith, Mr. C. W. Ward responded to the toast of "The Gardener" and did it nobly. We have never heard Mr. Ward in finer order. He loyally upheld the profession of the gardener and looked in the not far distant future when the skilled gardener would rank socially and in every way with any in the land. His proof that you could find in the gardening fraternity the counterparts of all the great lights of the past and present age was happy and highly amusing.

The trade papers were to be handled by Judge Sands but that most genial and hospitable man had to leave as the hour was getting late. The speeches were concluded most ably by Mr. Graham, of Baltimore, who responded to "Our Guests." He was original and comical and when he told the story of the lady who said to her guests when they remarked of the trouble she must have gone to that "the trouble ain't nothing to the expense," we realized how hard we had worked the Baltimore boys.

There were at least a dozen talented young men who between speeches gave us a delightful vaudeville show from the stage. All the numbers were good and the chorus was fine. I would like to be the owner of that beautiful tenor or that baritone, or if that was denied me, the power to whistle so charmingly. It was a great evening and a great convention and the president of the society presided at the business meetings in a most dignified and able manner, but oh, Robert, you worked hard, I know you did. I know I voice the feeling of all when I say that there is no more generous, self-sacrificing man in the trade, and none more loved and respected than Robert Halliday. W. S.

Judge Sands was present in spirit if not in the flesh and this is what he said in part:

"In the gardener's art, if you justly boast of your Breeks and Buists and Hendersons, of your Witterstaetters, Dailledouzes and Fishers, we take equal pride in the roster which bears the names of our Feasts and Cooks and Hallidays and Pentlands, and of that great and learned man, big of frame and big of brain, to whose memory every cap should be doffed, gardener, nurseryman, botanist, writer—William D. Brackenridge.

"The first American catalogue of roses was issued from Baltimore, its vivid descriptions of varieties just as entrancing to the ear and as alluring to the buyer as the most eloquent word paintings of the catalogue men of today. Here is a copy of the modest volume, and Mr. James Pentland was its compiler.

"But to the trade press. Some years ago a close friend of mine, counting on my experience as a publisher and on the newspaper blood in my veins, asked my advice as to an investment in a proposed paper designed for the florists' trade, and received the reply: 'Halliday'—for it was that splendid fellow and accomplished gardener, the father of your president—

'you are so situated you must go in, but put as little money in as the circumstances and surroundings will allow, for of course it will fail.' I am glad to stand here tonight to admit that I was a false prophet, that it did not fail, that it was a success from the very start, and that it survives, in usefulness sharing the field with others just as prosperous and profitable, all working to the same good end—the advancement of the florists' trade, the protection of our mutual interests, the education of our members, the engendering of an effective *esprit de corps*, the promotion of a refined taste, and the elevation of the profession of the gardener amongst other callings which make life more beautiful and more worth living, as ministering to esthetic tastes, bringing wholesome pleasures to the many as well as to the few, whose pure delights are not elusive, but grow by that on which they feed, and are open and free to all, prince and peasant, ignorant and learned, rich and poor.

"These are the purposes, these the aims of the trade press. That it has achieved them all—abundantly achieved them all—I call upon every man here present tonight to testify.

"Who can say what part of the trade's expansion of the past fifteen years is not attributable to the intelligence, enterprise and zeal of this great instrument of progress, seconding every forward movement, taking the initiative in many, affording field and opportunity for the clear heads and keen pens of the Dorners, the Craigs, the Scotts, the Mays and the Webers, of every section of the trade, and of every section of the country—to the profit of us all!"

HYBRIDIZING OF THE CARNATION.

BY PETER FISHER, ELLIS, MASS.

[Read before the Baltimore Convention of the American Carnation Society.]

Mr. President, Members of the American Carnation Society and Friends: It is not my purpose in this paper to go into details as to the origin and evolution of the carnation from its primitive stages to the magnificent varieties of the present day, that having very recently been done by others well qualified through years of earnest and faithful application.

Some of those early workers, to whom we owe so much, are still with us; others who bid fair to become mighty factors in the improvement of the carnation, and who had almost reached the goal in view, have been called away in their prime, and so their work has been laid aside to be taken up by others and carried forward toward the consummation of the ever-receding "Ideal" in the Divine Flower.

The beginner in hybridizing or crossing the carnation of today with a view to its improvement, does so on a very different plane from that of the worker of ten or even five years ago; and right here I think it would be well to remember the debt of gratitude we owe to those men who have gone before, breaking up for us the "fallow" ground (so to speak) and passing it along to us, so pregnant with fruitful possibilities.

And I am glad to say that some of our most expert and earnest workers in this cause, and who have been successful in giving to the trade some of the best standard varieties, are not the "Hermits" in our business, isolating themselves and shrouding their methods in mystery, but who are ever willing to explain to any one interested enough to inquire, and even submit their records showing the results of years of patient effort, with a view to helping others. Such men have the improvement of the Divine Flower at heart, without a doubt.

To get the best results in hybridizing or cross-fertilizing the carnation means much more to my mind than the mere transmission of pollen from one variety or species to another. It must begin with the careful selection of desirable varieties to be used later for this purpose. Select the cuttings with the greatest care from flowering stems of healthy plants only. You cannot be too particular on this point because a cutting of this sort always insures earlier and more continuous blooming qualities in the parent plant from which the pollen is taken or seed is to be raised, as the case may be. A high state of cultivation is, to my mind, indispensable all through, from the taking of the cutting to the gathering of the seed, and ever after, if you would get out of your seedlings the best traits they contain.

Understanding the needs of your varieties and a high state of cultivation, is more than half of the battle, for just in proportion to the health and vigor of the parents, will the seedlings develop in health, size and substance. If the stock is well established, strong and healthy, so will the offsprings be; if weak, diseased and sickly, they will develop seedlings equally faulty.

Early planting is another very important point to be considered. Plants housed late in July or early in August, from which all flower shoots have been pinched back, so that they make their flowering stems in-doors, will be well established and in condition to use for crossing purposes in October, or early in November; and later when only the most vigorous and healthy plants and perfect flowers should again be selected, either for seed or pollen parents.

There are several advantages in early application, such as abundance of sunshine and consequently ample ventilation, which insures a dry condition of the pollen, which is also plentiful during the early fall months. November is a good month in which to work, as insects are less liable to be troublesome at this time, fertilizing where you would prefer to do it yourself. From crossings made during this month, seed can be ripened and sown during the latter part of January. Crosses made earlier or late in spring will ripen seed in a shorter period, but in the latter case often too late to be of service the same season. If sown in January the seedlings have three months growth before planting them out doors, and most of them will bloom in the field and thus give a chance for selecting only meritorious varieties for further tests indoors, and so much valuable space is saved.

I have sown seed as late as April 2d, and had some of the plants bloom in the field by Aug. 15th, four and one-half months from sowing seed. But late sowing is not to be recommended, as many of the plants have not bloomed before frosts are due, and to house all those that have not means a waste of much valuable space. In fact, with very few exceptions, where plants got overcrowded or from some other cause, I have seldom found a variety that bloomed late the first season prove of commercial value.

Early and continuous bloomers are what we need. Only a few years ago it was thought by many to be an impossibility to get blooms of a high grade and in paying quantities from the same plant. Eight years ago I had varieties producing blooms 3½ to 4 inches and over, on stems like canes, that only gave an average of eight blooms to the plant during the entire season. Those varieties were of a strong fleshy growth with broad foliage. Plants of wiry habit with small foliage are invariably free bloomers. The flower runs smaller and often lacks in substance.

By a combination of those habits we have today varieties that produce freely high grade blooms 3 to 4 inches in diameter, on long stems, from plants of excellent habit and medium sized leaf and wiry growth, which is preferable to rank soft growing sorts, as they can be planted much closer together, thus getting

Mr. Fisher's Carnation Basket and Mr. Moss' Golden Gate and Liberty roses.

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a much larger cut from same space. The smaller foliage also admits the sunlight to the base of the plant, and during the dull winter months is not usually subject to attacks from insect pests, or damaged through syringing, like soft fleshy sorts.

The best time to apply the pollen is on a bright sunny morning or forenoon, and the time should be regulated by the condition of the atmosphere in the house; but the pollen should be dry, and applied while the ventilators are opened, as the moisture settles on the plants within a few minutes after closing up the house, and so is not conducive to best results in fertilizing the flowers. If impregnation has taken place the bloom operated upon will usually show it by wilting or "going to sleep" within twenty-four hours. The method of applying the pollen has been so often explained, and is so simple, that I need not here describe it. It should be done systematically, always having an aim in view. When the flowers are in proper condition, depends upon the varieties, some being ready almost as soon as the bloom expands, others take as long as two weeks to develop their organs. This knowledge must be attained through close observation.

In hybridizing always strive towards retaining an ideal habit of plant, healthy and vigorous, of stiff, wiry growth, producing freely fragrant flowers (if possible) of largest size and substance, on strong stems, and in shades of color that will appeal to the public taste, but it must be a ready seller. Self-colors are usually most useful from a commercial standpoint, and yet there is ever a demand for something new, both in style and color.

Indiscriminate crossing is not to be recommended, as it lacks in interest and is not instructive. I do not mean to say one cannot go at it haphazard, using the superior varieties of today and get grand results. That can be done without a doubt, and I also believe the time is fast approaching when through the rapid improvement of the carnation, seedlings will be freely raised in this manner, unfolding a wealth of colors, and of a general quality, requiring the discarding of a very small percentage. (A house of such a strain would be a boon to the average florist with a good retail home trade.) I also believe the quality of those flowers will be as marked in the carnation, as in the pansy or gloxinia of today raised from seed, where they also twenty-five years ago were propagated from cuttings and leaves, to perpetuate the best varieties.

This high strain in carnation seedlings can only be attained by the most careful attention of the hybridizer. He must have a standard to work up to, and he must raise that standard high, having in mind the very best he knows of in existence, and his aim must be to surpass it, no matter if he may already be the possessor of the best yet raised.

Keep records of each cross you make, note carefully the results, especially of those you find to be decided acquisitions. It may take years before you attain the object for which you have been striving, there will be many disappointments, but it is this everlasting keeping at it that brings success. I believe it is possible by carefully and persistently working, taking separate shades of color, crossing white with white, pink with pink, crimson with crimson, etc., year after year, using the product until mixed colors will gradually disappear, and a very large percentage will come true to color. It will take years to accomplish it, but once you get this clear blood infused into your strains you can foretell pretty closely what to expect from each batch of seedlings. This is one of the great advantages of keeping records, and a systematic method of working. With indiscriminate crossing you commence in the dark and continue there.

One's lack of knowledge as to the parentage of many of the new introductions from year to year is often a great disadvantage to one who keeps a strict record. With a knowledge of their parentage back two or three or more years one could act more intelligently and much of the mystery as to the diversity of colors in their offspring would be explained. And yet this lack of knowledge often has a saving element in it, as it often infuses new vigor where too close breeding might have a tendency to running out and weakening of the stock.

We are all working along separate lines towards the same goal and who can tell what a combination of the best results of each individual effort may yet accomplish for the improvement of the carnation of the future. Long ago the word was passed that the "limit" had been reached, and yet each successive year sees a new record established, and so it will be for years to come. Whether we have retrograded or progressed can only be ascertained by looking backward, in any calling of life, and so with the culture and improvement of the Divine Flower.

As we bring this test to bear upon the carnation of today as compared with those of ten or even five years ago, no one will dispute the fact that they loom up as a "New Creation." Yet, great as has been the advance in the last decade it will, in my opinion, be far eclipsed in the next five years. I believe that the improvement of the carnation is only in its infancy. We are like children playing on the beach, here and there picking up a pebble, and yet, beyond is the vast ocean of nature's boundless store, from which we are trying to coax some of her hidden treasures, and our success will be just in proportion to the intelligent and untiring effort put forth, taking advantage of the natural means put within our reach.

The last stage, but by no means the least important part of the hybridizer's work, is the final selection of the varieties to be disseminated to the trade. Always remember that you are apt to be a prejudiced party, and naturally so, in favor of your own productions. They ought to be tested three or more years before distributing. During this period you (if expert in your business) cannot fail to see and note the faults of each variety. Compare them conscientiously with the very best you know of in their class. That must be your standard to go by; you must have something tangible; anything imaginary is but the ever receding "ideal"; its size, substance and wealth of colors can only be guessed at. If you are fortunate enough to have our best growers visit your establishment, note carefully their opinion; it is often worth much if expressed, but as a rule the amount of interest taken in the inspection of a variety is a pretty sure indication of its excellence.

There is always a demand for some new shade of color, and in trying to introduce it do not forget that we are catering to the public taste. Note carefully the opinion of lady visitors of culture as they pass through your greenhouses; they are usually excellent judges. If your pet variety is passed unnoticed, do not take up time nursing it any longer. If it is something that at once attracts their attention it is pretty safe to say it will prove a success. Last of all, take it to the annual meeting of the American Carnation Society and let it be compared with the best products of other growers. It is pretty sure to get scored just about where it belongs, except on general habit and productiveness of the plant, which the originator alone can know. But if he would retain the respect of his fellow florists let him hew

Carpet bed representing the Coat of Arms of Maryland, executed by Chas. L. Seybold.

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to the line, and if it has any bad defects in its general character state it frankly and do not send it out, or do so stating it plainly.

Do not get the idea into your head that you must launch a collection of new sorts on the market every year. Do not even think that the trade expects one new variety every season. Better go slow, if you have the good of this society at heart. It were better to count the introductions of ten years of your best efforts on the fingers of one hand—yes, or even on the index finger—than send out a host of worthless varieties to cause endless confusion, disappointment and loss to your fellows.

Fig. 1. Upper leaves punctured by Aphides.
Fig. 2. Lower leaves punctured by Thrips.

The Carnation in Health and Disease.

In the discussion of Mr. Fisher's paper, Mr. L. E. Marquisee said he had found February and March the best time to cross-fertilize the flowers. He thought the plants then had more stamina and were in better condition.

Mr. Fisher responded that by crossing in October the seed ripened early enough to sow and produce plants large enough to plant out in the spring and you could then see three-fourths of the flowers before frost came, and need not house those that gave no promise of being of value. In mid-winter he found it difficult to get pollen of various sorts to work with, and plants from seed sown in the spring were often too late to work to advantage that season. It must be kept over till the following fall, and in this case the seed loses in vitality. The seed germinates more quickly if sown immediately when ripe. The plants also take a better hold when planted early while there is abundant sunshine and before artificial heat is needed in the houses.

Mr. Ward said his experience had been the same, but that he didn't get as much seed in the fall as in the spring, the pods were not so large and the seed didn't develop so well as in the spring. One advantage of crossing in October was that the plants were then naturally vigorous, providing the season had been a favorable one.

Mr. Witterstaetter said he had been breeding from the same colors to get colors true, always making sure that the varieties worked with had desirable constitution and habit. Adonis was the result of four or five generations of scarlet sorts and Estelle was descended from six generations of scarlets. In crossing these two varieties he had obtained no departure from the color type except in a very few cases.

Mr. Fisher indorsed this plan and thought that if followed by hybridizers generally it would result in the eradication of useless or undesirable colors.

Mr. Ward said he also was growing his seedlings in blocks of color and working along the lines indicated by Mr. Witterstaetter.

The thanks of the society were tendered to Mr. Fisher for his valuable paper by a rising vote.

THE CARNATION IN HEALTH AND DISEASE.

(Paper presented at the Baltimore meeting of the American Carnation Society, Feb. 21, 1901, by Albert F. Woods, Chief of the Division of Vegetable Physiology and Pathology, U. S. Department of Agriculture.)

When your secretary requested me to prepare a paper on carnations for this meeting I was tempted to ask to be excused. The fact is I know comparatively little about carnations and that little is bound up with the question of diseases, especially the one formerly known as "bacteriosis" but now as stigmonose or "puncture disease." The various diseases of the carnation so far as they are known have been very ably discussed on a number of different occasions at your meetings. You have as a society been very fortunate in having the untiring efforts of such eminent botanists as Dr. Arthur, Prof. Halsted and Prof. Atkinson, as well as so many expert growers and skilled observers among your members. The reports of your meetings are always of great interest and value. I can add little that is new on the important diseases of carnations to what has already been presented at your meetings and printed in your reports.

I shall therefore confine myself in this paper in large part to the disease which you will probably recognize better by its old name "Bacteriosis" than by its new name "Stigmonose." I have had a good deal to say about this disease in the past and I regret that my motive in saying it has by some been misunderstood. It was not my desire to discredit the work of any investigator. If anything I have said or written leaves this impression I hope to correct it here, and to present more fully than I have done before some facts regarding the varying resistance of carnations to this and other diseases.

The distinctive character of Stigmonose is the development in the leaf of translucent spots varying in size from being just barely visible when examined by transmitted light to spots 1-16 of an inch or more in diameter. The diseased plants finally become of a yellowish sickly color, and more or less stunted in growth, and the lower leaves die. When a plant becomes very badly diseased it seldom entirely recovers though it rarely dies outright. Two types of the disease are recognized; the one with circular spots is produced by aphis punctures and the other with elongated spots by thrips. This difference is well brought out in the illustrations, Figs. 1 and 2.

This trouble was first described before this society by Dr. Arthur. The horror of its scientific discovery and description as a disease therefore belongs to him. The exact nature and cause of the malady has, however, been more or less in dispute. At the time when Dr. Arthur and Prof. Bolley investigated the disease it was not known that the punctures of aphides, thrips, and red spiders produced any far reaching pathological changes in the plant except to retard growth. The clear or yellowish translucent dots which characterize the disease were suggestive of slow growing bacteria or fungi. It was a very natural thing therefore to search for such organisms in the diseased tissues. A microscopic examination revealed the presence of small bodies in the diseased cells, markedly resembling bacteria and which any one might easily mistake for such.

Bacteria as a rule grow readily on various substances as cooked potato and gelatine, and in dilute broths of various kinds. It is possible in this way to obtain pure cultures or colonies of any specific form. After much work Dr. Arthur and Prof. Bolley obtained pure cultures of a yellow bacterium associated with the disease which grew well upon artificial media under conditions similar to those in the leaf. They now took several plants which they believed to be perfectly healthy and put some of these germs on the young leaves and after several weeks the parts of the leaves where the germs were applied became diseased. One might naturally conclude, therefore, as Dr. Arthur and Prof. Bolley did, that the bacteria were the cause of the disease.

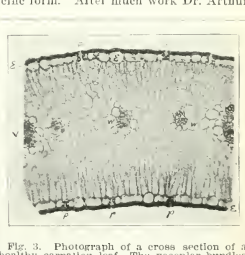

Fig. 3. Photograph of a cross section of a healthy carnation leaf. The vascular bundles are darker and heavier-walled than the rest of the tissue. Five of these bundles are shown in the section (V) and these are surrounded by a layer of thin-walled round or globular cells (W) for storing water. The elongated cells lined with small black dots (chlorophyll bodies) make up the balance of the tissue except the epidermal cells (E), with thick outer wall. The breathing pores (P), or stomata, are shown in section.

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Bacteria require a good deal of moistnre to develop well. It was therefore a very proper recommendation to keep the foliage as dry as possible and give the plants plenty of light and air. This practice was said to be followed as a rule by very beneficial results to the health and vigor of the plants, especially when aphides were kept down as they were also supposed to introduce the germs of the disease into the tissues by their punctures. It had been noticed that where these insects were numerous the disease was bad.

Fig. 4. The sucking tube (B) of an aphis (A) passing down between the cells of the leaf to the vascular bundle from which sugar and food are withdrawn.

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Now it happened that a large house of carnations at the U. S. Propagating Gardens came down with a malady which answered the description of bacteriosis in every particular. The plants had been fumigated with tobacco in the usual way to keep down aphides and the foliage had been kept comparatively dry to guard against disease in general. Attempts were made to check the trouble by spraying the young foliage of some of the plants several times a week with germicidal solutions such is corrosive sublimate and formalin, but none of these appeared to do any good. It was therefore decided to force the plants as rapidly as possible, and get what flowers we could from them; the temperature was raised a little above the normal and the plants were frequently syringed. To our surprise, in the moister air with frequent syringings the plants greatly improved and showed less of the disease. The experience led us to examine very carefully the bacterial theory of the trouble.

A great many sections were cut through diseased spots of all sizes and ages and many tests for bacteria were made. The peculiar bodies which were formerly thought to be bacteria were finally shown to be the products of the disorganizing cells. But why should the cells disorganize in such a peculiar progressive manner? Although bacteria could not be demonstrated with the microscope they might still be present under some peculiar condition. It was necessary to examine the diseased and healthy tissues by the so-called culture method, that is, as I have previously explained, to put some of the tissue in question, without contaminating it in any way from outside, into dilute meat or vegetable broths or on sterilized potato or gelatine. If bacteria are present they soon become apparent by their very rapid development under these conditions.

Diseased plants were obtained for this purpose from most of the large carnation centers of the country through growers familiar with the disease. The yellow germ supposed to be the cause of the disease was found in several cases but never in the inner tissues of the plant. In fact in nearly all cases no bacteria or fungi of any kind were found in the diseased spots of the leaves. Occasionally in the last stages of the disease when the surface of the spot had begun to break down, bacteria and fungi of various kinds were found in the tissues. It was evident therefore that these could not be the cause of the disease.

However, to make sure, a large amount of healthy young growth of many plants free from insect or other injury of any kind was inoculated with the germ said to cause the disease but no cases of infection were obtained. Other bacteria found on the surface of the leaves were tested in the same way, but no bacteria were found that produced any kind of disease either when thoroughly washed over the young leaves or injected hypodermically into the tissues. This settled the matter of the cause of the disease as far as bacteria were concerned.

The next problem was to investigate the relation of insects to the trouble and of course the first to be examined was the aphis or green fly. These little pests are present everywhere indoors and outdoors and I do not need to tell you how rapidly they breed and how difficult it is to exterminate them, though they may be kept pretty well under control by constant attention. By colonizing these insects on healthy plants it was soon found that diseased spots were developed wherever the insects punctured the young leaves, but not in fully matured leaves. The greatest care was taken to exclude all bacteria; the surface of the leaves was carefully sterilized with corrosive sublimate and they were kept absolutely free from bacteria. Still under these conditions the disease was invariably produced whenever the aphides punctured the young leaves. The spot did not become apparent in the leaf until several

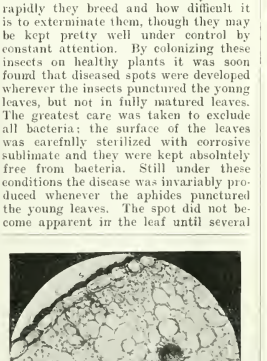

Fig. 5. The gelatinous sheath left when the aphis withdraws its bill (dark lines extending down into the leaf from S). In each case the puncture occurs just to one side of a breathing pore. The insect was evidently hunting for a vascular bundle.

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days after the puncture was made, some plants reacting much more quickly than others. Young growths reacted more quickly than older growth, and in mature leaves, as I have stated, there was no apparent reaction at all. Aphides might go on puncturing a plant for a week or so and then be killed by fumigation or otherwise and for a time the plants would appear to be healthy, though later, perhaps after a week or ten days, they would begin to show disease. It is probable that the apparent infections with bacteria that Dr. Arthur and Prof. Bolley obtained were on plants which had been previously punctured in this way

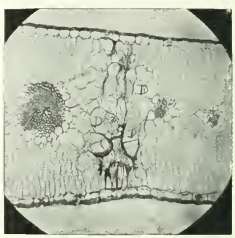

Fig. 6. The enlarged cells in the punctured area. The chlorophyll bodies have disappeared and the light is thus permitted to pass through the leaf readily making a transparent yellowish spot in the tissues.

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but which at the time the inoculations were made appeared to be perfectly healthy.

The question now arose why should the punctures of the insect produce spots which kept on increasing in size, finally severely injuring the plant? In order to get some light on this question aphides were suddenly killed while they were feeding on the leaf and sections very carefully cut showing how they obtain their nourishment and from what part of the leaf structure it comes. The next illustration (Fig. 4) shows one of these sections. The sucking apparatus of the insect is thrust between the cells of the very center of the leaf, there drawing from the stores of food which the carnation plant had made for its own use.

The insects suck this food material from the tissues and exerete the sugar as honey dew, forming bright sticky spots on the leaves. The result of course is first of all partial starvation for the whole plant, which becomes more or less apparent by the stunting and sometimes the distortion of the plant, according to the quantity of food removed (Fig. 8). The trouble does not stop here, however.

When the insect sticks its bill into the tissues it injects a gelatinous substance, which is left between the cells after the bill is withdrawn. The presence of this material is easily detected by the aid of a good microscope. The next illustration (Fig. 5) shows some of it stained between the cells in a very young diseased spot, s. s. s., extending as dark lines down into the leaf. Gradually the cells surrounding this material become paler and paler in color and swell up to several times their normal size, Fig. 6. The protoplasm breaks down into minute granules resembling bacteria, and these on the death of the cell run together into globular masses, resembling some kind of fungus, though they are really nothing but dead protoplasm.

Fig. 6 shows the enlargement of the cells in the punctured area and the progressive development of the malady. The

final stage of the disease when the cells have broken down is shown by Fig. 7. Compare with Fig. 3, which shows a section of a healthy leaf. It may be that something injected with the gelatinous material slowly diffuses through the cells in the region of the puncture, causing them to slowly die.

One of the first things that may be observed by a chemical study of the diseased cells is a decrease of the nitrogenous reserve food materials in the diseased cells. This is accompanied by a greatly increased oxidation due to a certain enzyme or chemical ferment. The increase in size of the diseased cells is probably an accompaniment of this process. In the ordinary healthy condition of the plant starch is made in the green cells during the day. It is later converted into sugar by a chemical ferment known as diastase, and is then used for food by the plant as a whole, being transported to all parts. This change from starch to sugar is greatly retarded when the chemical ferment that causes oxidation increases beyond the normal amount. The food materials of the diseased plants become very sluggish in their movement and are probably very easy for the insects to get. The plant itself suffers from a sort of indigestion, and soon loses in vigor, becoming much more susceptible to all unfavorable conditions as well as to insect and fungus parasites. Careful examination has shown that when these abnormal changes have been once started in a plant the ill effects continue long after the initial cause has disappeared.

If the insects are killed or kept off of such a plant the new growth will be free from spots and therefore apparently

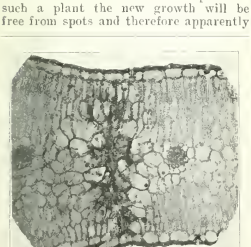

Fig. 7. The last stage of the disease. The cells are dead and have collapsed.

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healthy. It is, however, poor in reserve albumin and has an excessive amount of oxidizing enzymes, as explained above, and is therefore in fact diseased. This mal-nutrition becomes gradually cumulative from generation to generation of cuttings and so far as our investigations have gone cannot be cured. Stimulating manures intensify the trouble instead of correcting it.

It was noted in these experiments, and, indeed, it is a well known fact, that certain individual plants of any given variety are much more susceptible than others to injury from these causes. In fact, some plants hardly react at all to aphis punctures, while others become badly diseased. The aphides do not thrive on the resistant plants, but increase rapidly on the plants that are not resistant. This was found to be

Fig 8. Distortion produced by excessive removal of reserve food by aphides during growth.

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due to the fact that the resistant plants were rich in reserve nitrogen and did not have an excessive amount of the oxidizing ferment, and were also rich in tannin, a substance which aphides greatly dislike. On the other hand, the plants which the aphides thrived on were poor in reserve nitrogen, poor in tannin, and rich in the oxidizing ferment, while at the same time they were of slower growth, lighter colored, and the tissues less slimy when crushed or broken than the resistant plants. To get resistant strains therefore it would be necessary to propagate only from these resistant plants.

There is evidence also which indicates strongly that this diseased condition of nutrition may be induced by unfavorable conditions of growth. For example, severe cutting back of the plants during active growth makes the new growth that develops very sensitive to insect punctures. Severe injury to the roots in transplanting during active growth also makes the plants very sensitive to disease. The tissues in these cases show the same chemical reactions that I have before pointed out for diseased plants. Rapid growth induced by high moisture content of soil and air produces tissues showing this same sensitiveness to injury by insects and richer in oxidizing ferment than plants grown under more favorable conditions. It is evident, therefore, that unless careful selection is practiced varieties which respond readily to these unfavorable conditions would gradually become so subject to disease as to make them unprofitable.

It is a peculiar fact that plants which are most subject to insect injury are also most subject to injury by parasitic fungi and probably for the same reason. Too much attention, therefore, cannot be given to keeping stock up to a high standard of natural vigor by careful selection of cuttings from vigorous plants and by careful attention to the general needs of the plant. If this were done the prevalence of disease of all kinds would be reduced to a minimum. This, of course, is not a new proposition to florists or to others who make a business of growing and studying plants. You know perhaps better than anybody else that unless rigid selection is practiced stock will run out. In these investigations some of the causes of deterioration and the nature of the changes have been determined.

In concluding this paper I will mention briefly three diseases which have been unusually prevalent this year. The first of these is stem rot, which is being investigated by Messrs. Stewart and Duggar. As a special time has been set apart at this meeting for discussing this disease I will not enter into it here.

Probably the next most serious carnation disease this year has been the leaf spot caused by the fungus *Septoria dianthi* Desm. A diseased plant from one of our own greenhouses is shown in the illustration, Fig. 9. The spots are usually more or less irregular in outline and bordered by a dark purple margin. The spores form on the lighter central area of the spot within little black bodies barely visible to the naked eye.

The fairy ring spot caused by the fungus *Heterosporium echinulatum* Berk. has been the cause of serious injury in some cases this season. The spots produced by this fungus are usually more regular in outline, Fig. 10, the central area of the spot being covered by a gray mold-like growth made up of the spores of the fungus, leaving a narrow border of light brown dead tissue from which the name fairy ring may have arisen.

This disease attacks not only the leaves and stems, but also the flower buds. Both of these diseases develop most rapidly and do most serious damage to plants that have been injured in transplanting from the fields to the houses. In many sections the dry, hot weather that prevailed last fall during the time the plants were being moved in was very unfavorable. The root systems were injured in lifting the plants from a dry soil and they adapted them-

Fig. 9. Carnation leaf spot, produced by Septoria dianthi.

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selves to the house conditions much less readily. The main loss, especially in case of the two spot diseases named, was during the period that the plants were establishing themselves in the house.

To avoid epidemics of these diseases it is necessary to move the plants with as little check as possible, give them abundance of air and not too much water, remove badly diseased plants, dead and diseased leaves, etc. After they are thoroughly established in the houses not much damage will be done by these diseases. The danger of a check in transplanting could be avoided by "indoor culture." The advocates of this method claim that there is less loss from stem rot and other diseases where it is practiced.

Prof. Woods stated that the views shown upon the screen were not from drawings but from direct photographs of sections of the leaves, etc., taken through the microscope.

In the discussion that followed the reading of the paper, Mr. Craig asked whether spots on the leaves could not be caused by other agencies than aphides and thrips. Prof. Woods replied that they might be caused by red spider or other puncturing and all sucking insects. Mr. Craig said he had seen spotted leaves on plants that he was sure had never been subject to injury by insects and asked as to the cause. Prof. Woods replied that the plants had undoubtedly at some time been injured by insects and that the results were often not apparent until some little time afterward. He added that tobacco kills only about 60 per cent of the greenfly and that hydrocyanic acid gas is the only insecticide that will entirely rid a house of them. He had never seen the disease in question produced in any way than by the insects and it was exceedingly difficult to keep the plants absolutely clear of them. If the plants were kept perfectly free from insects they would then never have this spot disease. One peculiarity of the disease is a weakness of the plant due to the withdrawal of the nitrogenous material by the insect. The disease could also be produced by any serious injury to the roots of the plant, or by cutting it back too severely. There are certain varieties that are particularly sensitive to every disease that comes along and this peculiarity is transmitted through the cuttings. About four-fifths of the cuttings from weak plants will be subject to disease. It is a pathological condition transmitted through the cutting but not through the seed. The reserve nitrogen in the plant is reduced one-half by the disease.

Mr. Scott asked why it was that the once much dreaded rust had practically disappeared without any special use of fungicides. Prof. Woods replied that the improvement in the general conditions under which the plants had been grown and the less use of water on the foliage had brought about this result. Having the foliage and atmosphere of the greenhouses dry was one of the best means of preventing the development of the rust because the spores of this fungus must have moisture before they can germinate. Without moisture they cannot get a foothold or penetrate the leaf.

Mr. Craig asked as to the origin of stem rot and Prof. Woods replied that there were two forms due to two different fungi. One is a sterile fungus that does not produce any spores. It has no means of dissemination through the air but works entirely through the soil. It is a root-like fungus and grows near the surface of the soil, gradually working its way into the plant at the surface of the soil. This form seems to have been more prevalent among plants that have been lifted from dry soil when moved into the house, but it would no doubt also attack healthy plants. It is a dry rot.

The other form is more parasitic and is a wet rot. If you take hold of the base of the plant and twist it between your fingers the skin will come off. With the dry rot this does not occur but if you break the stem you find a sort of pith inside.

As to remedies for stem rot, if the plants are once attacked nothing effective can be done. Stewart and Dugger have recommended lime. This fungus grows best in soil having high acidity and the lime reduces the acidity. Heavily liming the bench (as much as you dare) will have a tendency to check the disease, but it is not a cure. The only way to clear the soil of all germs is to sterilize it by applying steam for two hours at a pressure of 140 pounds.

Both fungi grow in the fields under favorable conditions, and he knew of no way to prevent stem rot in the field. Carnations should never be grown again

Fig. 10. Fairy-ring spot, or ring mold of carnation, produced by Heterosporium echinulatum.

The Carnation in Health and Disease.

in a field where stem rot has once been noted.

In sterilizing the soil by steam there is a tendency to destroy the nitrifying organisms and thereby impair its fertility, but on the other hand the nitrogen becomes more available by the dis-

organizing of the elements of the manure. And as a rule the abundance of water used on the soil tends to add nitrifying organisms to it.

Sod plowed under and heavily manured with stable manure for several years seems to be very prolific of the fungi that cause stem rot.

Mr. May said he had used fifty to sixty bushels of lime per acre on ground where he had been troubled with stem rot, and there had then been no further losses from rot. While he had heard it claimed that sterilizing the soil was an injury to it, his experience was that his plants grew better in soil that had been sterilized than in that which had not.

Mr. Dillon had found that stem rot was most prevalent where plants had been set too deeply in the soil, or where rains had washed soil against the plants. He therefore grows his plants on ridges to insure freedom from standing water.

Mr. Scott had noted that in soils naturally strong in lime there had been but a very small percentage of loss from stem rot.

Mr. Ward believed the conditions that favored development of the fungus were found in nearly all soils and that the fungus affects many other plants. He had found the fungus where carnations had never been grown, as well as where they had. He had lost a large percentage of stock lifted from the field during a hot, dry spell, and believed that weather conditions had a strong influence in the matter.

The matter was further discussed by many others, and it was evident that there was great eagerness for full information on the subject of stem rot.

Professor Woods was given a hearty vote of thanks for his paper and his answers to the numerous questions.

CARNATION NOTES.

Topping the Cuttings.

Those cuttings you potted several weeks ago will be making a good growth now and perhaps you are thinking about topping them, which should be done at the right stage, so as to not lose any time by allowing them to make a lot of growth and then cutting it off; and, at the same time, it should not be done too soon.

Many growers are not particular enough about this little operation and allow their employes to do it any old way as long as they stop them from growing heavenward. Some will be in bud while others will have only the tiniest heart pulled out; one way is as wrong as the other. If you allow them to run into bud you lose some valuable time in which they might have made good breaks and started several shoots and at this stage every day counts. If you pull out only the tiny heart the plant is too young and the wood is not in condition to push out strong branches at once and the growth is severely checked. Often, too, you will pull out several blades and the heart will remain and you will have them to go over again when it grows out. The proper time to stop them is just about half way between these two, or as soon as you can see the joints lengthening out. They should have at least four good eyes, well above the earth, to break from; but do not stop them too high.

Some growers like to have a couple of inches of stem between the soil and the lowest branch to help prevent stemrot, but I can see no advantage in it. Stemrot will attack one stem just as readily as it will three or four and the lower part of the branches that start below the surface of the soil soon become the same as the original stem, and are, therefore, the same as so many separate plants. The plants grown with the long stems are likely to lie over in the field after a hard rain, which soon ruins their shapeliness.

There is a great difference in varieties, though, and you must study their growth before pinching. For instance, such varieties as Flora Hill, Joost and Jubilee (which really only need topping once except to pick off flowering shoots in case you want extra large plants) should be topped rather high because nearly every eye above the soil will start to grow, but such varieties as White Cloud and Mrs. Bradt should be pinched rather low and as often as possible in order to form a compact, stocky plant which will not only have many more shoots than the straggly ones, but will also be much easier to handle without breaking off branches when housing in the fall, and they will also grow stronger and more upright throughout the season.

It is generally thought best not to stop a plant when repotting or planting, but to do it a few days before or after, when the roots are in working condition. However, I do not hesitate pinching a plant while replanting if it needs it and I have never seen any bad effects from it. A. F. J. BAUR.

CARNATION ARRANGEMENTS.

It is surprising that the retailers in the cities in which the meetings and exhibitions of the American Carnation Society are held do not wake up to the advertising possibilities in the competition in the arrangement of carnations. The society offers a silver cup for the best arrangement of carnations, and there was only one entry at Baltimore. The prize was won by Mr. Peter Fisher, Ellis, Mass., and the arrangement is illustrated in this issue.

There should have been many entries in this class by the Baltimore retailers. It would have been of great benefit to them as well as to the trade in general had there been a generous display of arrangements showing the varied uses to which the carnation may be put in a decorative way. This is the opportunity to show the public what you can do when given full opportunity to work out your own ideas. Now that the public is invited to the exhibitions the retailers should make the fullest use of the opportunity.

We trust that the Indianapolis florists will not overlook the prize offered by the society and that the competition in this class next year will be keen.

Wm. G. Bertermann, President-Elect American Carnation Society.

WALL DECORATION.

In one of the pictures of the Baltimore exhibition in this issue will be seen a wall decoration of wild smilax that seemed to us worthy of a special illustration. The problem of relieving a large bare wall space in an artistic manner was certainly well solved in this case. The design was by Messrs. Black Bros., of Baltimore.

The wild smilax is attached to a wire frame which is held in position by only three nails. The smilax was placed in the frame on the floor and three men then easily put it in position on the wall. The frame is made so that it can be folded over and thereby be reduced to half size for convenience in carrying around. We believe this will prove a useful suggestion to others having wall decorations to execute.

ST. LOUIS.

The Market.

The first few days of Lent have already shown their effect on the florists' business. There is not the rush at the wholesale houses that there was the week before Lent set it. The shipping trade has fallen off and the local demand is rather light. The shipping trade so far this year was never better and it kept brisk up to the closing day before Lent. Prices of course are easier and should the fine weather continue there is likely to be a drop all along the line.

The varieties of roses most called for are more plentiful and also of improved quality. There is no apparent glut of any one variety but there is no telling what will happen in the next few days, as all growers have been off crop at the same time for quite a while.

Beauties are very scarce with demand brisk for long-stemmed stock, $3 per dozen is the price asked for them just now; Brides and Maids are good, but not over plentiful, $4 to $6 per 100 is the best price; Golden Gates are the same; Perles and Wootions are from $3 to $5 per 100 for choice stock; Meteor is of much better color but rather small and good stock finds ready sale at from $5 to $8 per 100.

Carnations sell well and although quantities of fine flowers are coming in the price holds up very well. The prevailing price for good stock is $2, with a few extra fancies, $2.50 and $3. Kloekenkemper is sending in some fine stock to Ellis, Dunford to Berning and the Udes to Kuehn. Some very fine Lawsons were seen at Kuehn's, which came from the Chicago Carnation Co., also other fine varieties of their new stock.

Bulb stuff of almost every variety is slow; daffs and tulips are a drug and plenty of them are going to waste; Dutch hyacinths are coming in and are in fair demand; valley can be bought in good quality at $1.50 to $2; freesias, $1 and $1.50; Harrisiis are not plentiful and are selling for $2 per dozen; callas also have a slow demand.

There are too many violets coming in and the market is glutted, 25 and 35 cents per 100 is asked for them. Californias have the call; doubles sell slowly and southern stock can't be given away.

In greens there is little change; smilax is extremely slow at $12.50; adiantum is in good supply at $1 per 100.

The growers are busy now preparing Easter stock. All lilies are looking well; there is some disease among them, still, it is no worse than in former years. Sanders has a fine lot; his other stock is also looking well. Schray, Fillmore and Beyer all have a fine lot of them, which will be in good shape for Easter. Their other Easter stock is in the best possible condition. Emundt and Guy of Belleville also have a fine lot in good shape for Easter sales.

Notes.

A floral euchre party will be given at the Concordia hall next month by the younger people in the trade. No doubt nearly all the florists of the city will attend and assist the young folks in their undertaking.

Mrs. M. Lueckinsmeier has opened a floral store at 2616 N. 14th street.

The next meeting of the Florists' Club will be a notable one. It is not only "mixed flower" night—and this alone will be worth coming for—but there will be the essays by Messrs. Sanders, Tesson and Berning, which will be well worth spending a few hours with the boys. And, too, at this meeting it will be definitely decided whether we hold a show this year or not. All members should bear this in mind and come and have their say in the matter.

Bowling.

The bowling club rolled three games Monday night. There was a good attendance and some very good scores were made. After the rolling a meeting was held and it was decided to have the ladies with us on next Monday night. All members are requested to be present and bring their ladies with them. The rolling will start promptly at 8 o'clock. The scores of last night were as follows:

	1.	2.	3.	Total.	Ave.
C. A. Kuehn	210	153	195	558	186
J. J. Beneke	158	169	134	461	154
J. W. Kuns	159	134	167	451	150
C. C. Sanders	175	105	159	437	146
F. C. Weber	153	148	127	428	142
Will Ude's	132	157	139	428	142
John Young	...	130	144	274	137
F. M. Ellis	...	122	115	237	118
Theo. Miller	89	114	127	331	110

J. J. B.

BUFFALO.

On reaching home on Monday the news abroad is that they all feel the dullness of Lent and flowers are very plentiful. Our great city had not been visited by any calamity great or small so there is nothing of importance to report. All are glad to hear our impressions of

Baltimore.

In our humble opinion the show, for quantity and quality of flowers, was in advance of any previous meeting. It was so differently arranged that it was difficult to compare it with Buffalo's convention. The latter was arranged just to show the carnation. At Baltimore there was more a study to make the whole room effective, and it certainly was. The design of carpet bedding by Mr. Seybold near the stage was well done. The decoration of wild smilax on the walls was most artistic. The group of palms in the center we thought rather high, as it obstructed the view. I know the Baltimore men will excuse candid criticism and I would say the tables might with advantage have been six inches higher. It was inspiring to see the thousands of Baltimore's best people visit the show on both days. Never mind whether it was a free show or not. Such an attendance must do good to the trade. It must stimulate an admiration and desire for the best.

The leading florists of Baltimore are as much to the front as those of any big city, but we noticed dozens of little ones who I don't believe had any idea that such flowers were grown, and I fervently hope that every one of them visited the show. If they did it would certainly widen their vision, as it has in all communities that the society has visited. It was remarkable how the Lawson stood out as the grand flower of the exhibition. It was not exactly Lawson first and the rest nowhere, but as a grand flower, with magnificent stem, it has a clear lead and the result of the show must have made the worthy Peter Fisher feel real good.

Your correspondent was altogether too miserable to take notice of all the good things. Every one wanted to see Adonis. It is a wonder, but as you cannot buy it for two years there will be lots of time to make its acquaintance. Norway, Messrs. Weber's white, is, if a satisfactory grower, ahead of anything; its size enormous and perfect in form. Ward's Golden Beauty is another grand flower that leaves little to be desired in yellow. The markings are very similar to those of old Buttercup, but it is a grand, large flower. We need a satisfactory yellow very much. There were several seedlings which scored high, but your premium list would show all this. There is no finer flower in existence than the beautiful Enquirer, as grown by Richard Witterstaetter, but he will tell you candidly that to make it profitable and produce these perfect flowers it must be grown in pots.

The business meetings were held in rather a cool room for a baldhead, but were well attended. The paper on diseases of the carnation by Professor Woods should be read by all. What a lot we owe to these patient researches. The moral of it all was, or rather the great lesson to be learned is, keep your plants absolutely free of all fly, spider and thrip, for their attacks on the plant is the cause of no end of trouble, which we lay to other causes or bad luck. Mr. Fisher's paper on cross-fertilization and seedlings was grandly plain and explicit, and if we wish to go into the business there will be no excuse that we don't know how. But, gentlemen, be careful, and unless you can afford to face lots of expense and still more disappointment, leave the raising of seedlings to the specialist. There are already plenty of these specialists in the field. The trouble is so few men can look on their own offspring impartially. In their eyes a very moderate flower appears far superior to others and to its faults they are blind. This is no fairy tale, for I have seen it occur in more than one establishment and almost begger the owner because he grew his pet to the exclusion of all good varieties and no one wanted his.

The hard work and unbounded hospitality of the Baltimore men was in evidence from the moment we arrived till we left the fair city, and it must have been a relief to some who gave every moment of their time to our enjoyment. There were many little jaunts taken by parties of a score or so and nothing, I believe, could have been better arranged than that mid-day lunch, which was so entirely free and easy yet so much enjoyed. It held us so well together and afforded a good chance for a social chat.

W. S.

CHICAGO.

The Market.

The shipping trade is holding up very well, but local demand is light and there is a Lenten feeling in the market. The call is strongest for white and prices on this color in carnations and roses have held up to last week, though they are easier on colored stock. On tea roses the range is now from $6 to $8, with a very few sales of extra select at as high as $10. In Beauties the best bring $5 a dozen and from that down to $1 a hundred for the short cripples. There is a large supply of the shorter lengths and a fair amount of the extra lengths, but rather a scarcity of the medium lengths. In carnations the range for good stock is from $1.50 to $3, with sales of poor ordinaries sometimes as low as $1, and even 75 cents, and fine select Lawsons and other fancies occasionally go as high as $4. In common stock white holds up best in price, indicating a considerable demand for funeral work.

Various Items.

The regular meeting of the Florists' Club will be held at 40 Randolph street tomorrow (Friday) evening. The program includes a talk by Mr. Emil Buettner on the proper presentation of plants and flowers to the public by the retailer, and papers by Edgar Sanders and Aug. Dresel on the florists' business of today as compared with twenty years ago.

Benthey & Co. will soon erect 50,000 feet of glass, all to be devoted to roses and almost wholly to American Beauties. There will be five houses, each 28x300 feet. They will be connected houses, with Garland iron gutters. The John C. Moninger Co. has the contract for the cypress material. The style of construction will be the same as that of Adolph Poehlmann's range recently illustrated in the REVIEW. Otto Benthey, who has been foreman for J. A. Budlong for some years, will have charge of the new glass.

The pilgrims to the Baltimore convention have returned and report a splendid display of carnations at the meeting and a good time generally.

John Muno will soon open a store for the sale of his product at wholesale at 59 Wabash avenue. Henry Muno, his son, will be in charge.

B. Eschner, of M. Rice & Co., Philadelphia, was a recent visitor.

NEW YORK.

Growers of cut flowers calculate on two special seasons in the year. The principal one in New York commences with the great horse show and ends on Ash Wednesday, the other from Easter until middle of May. The first is over and all said and done it has been a prosperous one; very good prices prevailed all through the season and the prospects for Easter are exceedingly bright. Prices, it is to be expected, will take a great tumble from now on, for though there are many quiet dinners and luncheons decorated for during Lent, still there is a general cessation of events that demand elaborate attention and profuse ornamentation. It is nigh useless to quote prices or dwell at length on the present condition of the market just now.

The Eastern New York Horticultural Society and the Horticultural Society of New York met in this city recently and accomplished much good on the lines they are organized upon.

A good display of flowers and plants was made at the American Institute show, held on February 13th and 14th. Lager & Hurrell exhibited some very fine orchids; H. Weber & Sons, Oakland, Md., and C. W. Ward, of Queens, showed splendid blooms of their new carnations. Alex. Marshall, of Pawling, and Herbert Spavins, of Mt. Kisco, showed seedling carnations which were certificated, and other exhibitors deserving special mention were T. Talbot, of Rhinecliff; Wm. Turner, of Tarrytown; G. T. Schuneman, L. I., and J. C. Williams, Montclair, N. J.

The carnation show of the New York Gardeners' Society will be held March 9th. J. I. D.

JERSEY CITY, N. J.

The grand annual ball of Hitchings & Co.'s Employees' Association, held at Columbia Hall, Jersey City, on Feb. 18th, was a great success, the greatest the association ever held. About 500 people were in attendance. The hall was prettily decorated by groups of plants and flowers by Geo. Kruse, of Greenville. President Geo. W. Smith and wife led the grand march, with 150 couples trailing in beauty and manliness behind them, and we wish to congratulate the firm, the employees and the committee in charge of this affair for affording a pleasant night to so many and carrying out their plans in a manner creditable to the profession and the great house they represent. D.

OBITUARY.

John Galvin of Boston.

John Galvin, one of the best known residents of Dorchester and a pioneer florist, died Saturday afternoon, Feb. 23, at his home on Washington street, at the age of 78.

Mr. Galvin was for 18 years City Forester of Boston, and during that time raised the level of the Public Garden several feet, laid out the walks and shrubbery with taste and discrimination, and in general made the spot a place of beauty. For this act alone he deserves a niche in the gratitude of all Bostonians. But many were the other deeds he did, and, still more, many were the personal qualities he possessed which combine to make his loss poignant to the hosts who knew him. Not only the citizens of Dorchester, among whom, at 511 Washington street, Mr. Galvin lived for so many years, but the members of the Boston Club, of the Charitable Irish Society, and most of all, of the Ancient and Honorable Artillery Company, will all feel his passing keenly. His was the nature that made every man his friend and made every friend cheerful and contented when he was present.

John Galvin was born in Ireland on Feb. 8, 1823. He came to America when a young man, and from the first to the last of his life had been connected with the most fragrant of industries, the growing of flowers.

The first employment that he undertook was with the late Thomas Motley, who in those days had a beautiful and extensive residence at what is now the Arnold Arboretum. Mr. Galvin was a trusted employe of his, and retained the friendship and respect of Mr. Motley until the death of the latter. He then established the firm of Galvin & Hogan, in Summerville, and they had extensive greenhouses and grounds in that locality. In a short time he was appointed City Forester, the position later held by Mr. William Doogue. Mr. Galvin held this place for 18 years, and did a great deal of the preparatory and substantial work in all the public squares, the Public Garden and the Common of this city.

Mr. Galvin was the pioneer of the idea of establishing floral stores in Boston. The store which he opened on Tremont street was the forerunner of the magnificent and extensive floral business which has made the name of Boston a household word in connection with flowers in this country. He had retired from active business.

In 1847 John Galvin married Miss Elizabeth Gearin, and from their long, happy, unbroken union sprang seven children, six of whom, and Mrs. Galvin, survive.

ROCHESTER, N. Y.

There were some warm sessions at the recent annual meeting of the Western New York Horticultural Society in this city. Those members who were fruit growers only wished to ask state legislation looking to the passage of a law compelling nurserymen to fumigate their stock to rid it of any lurking specimens of the San Jose scale, while those who were nurserymen opposed such action, claiming it was unnecessary and would put them to useless expense. There were some tart passages between members of the opposing factions and but for an impassioned speech by President Barry in which he begged the members to be fair and moderate the society might have suffered an unfortunate split.

A resolution was adopted endorsing the action taken by the Eastern New York Horticultural Society in trying to secure legislation relative to the uniform size of fruit packages such as berry boxes.

Secretary Hall's statement of the permanent financial fund showed receipts from all sources of $3,417.78 and disbursements of $459.

Professor John Craig, of Cornell university, presented a paper on "Orchard Cover Crops." The cover, he declared, increased fertility and warded off disease. Using too little seed was mentioned by the speaker as one of the chief reasons for failure to make orchard cover crops successful. Professor Craig said some experiments would be made at Cornell in orchard cover crops with a new covering called "vetch."

Professor W. H. Jordan, of Geneva, spoke on the importance of pure food legislation. He spoke of the adulteration of spices with cocoanut shell, which he said was a great industry. Out of an examination of 2,000 food products in Connecticut, 678 were found to be adulterated and 173 contained salacylic acid for preservative purposes.

He gave considerable attention to the so-called soft drinks, some of which he said contained fusel oil. He called especial attention to the soda fountain drinks which in many cases he said were far from "harmless." Some syrups used at soda fountains, he said, had been found to contain enough analine colors in one drink to color a piece of woolen cloth six inches square a bright hue.

The following officers were re-elected: President, William C. Barry, Rochester; vice-presidents, S. D. Willard, Geneva; J. S. Woodward, Lockport; Albert Wood, Carlton Station; T. B. Wilson, Hall's Corners; secretary-treasurer, John Hall, Chamber of Commerce building, Rochester.

GRAND RAPIDS, MICH.—In the will of the late T. R. Renwick it was directed that the florist business founded by him be continued on the same lines after his death. This was done, but the business became unprofitable and debts were contracted. A petition has been filed by one of the sons for permission to sell the real estate to pay running expenses and all debts, but this is resisted by the other heirs, who claim that the rest of the estate cannot be touched.

BOISE, IDAHO.—At the recent annual meeting of the Idaho State Horticultural Society officers were elected as follows: Pres., I. B. Perrine, Shoshone; Vice-Pres., Prof. F. A. Huntley, Moscow; Sec'y, Robert Milliken, Nampa; Treas., R. M. Gwinn, Caldwell.

E. H. HUNT, SEEDSMAN and FLORIST,
76-78 Wabash Avenue.
CHICAGO.

Wholesale SEEDS, BULBS, PLANTS,
CUT FLOWERS, FLORISTS' SUPPLIES.

We Mean Business.

An incident which occurred in this city Saturday last, the 23rd, caused us to realize the extent to which the trade known as "Red Violets," or the wholesaler selling direct to the consumer, has grown. From this date on we will not sell any cut flowers to any individual or firm who is not in the trade, or does not sell or grow cut flower stock for a profit or living. We mean by this that "OUR RELATIVES," "PARTICULAR FRIENDS," "PARTICULAR FRIENDS' FRIENDS," will not be served over our counter, or by ordering in any other way. We can safely say that 99 and a half per cent. of our present sales are made to people in the trade, and as these people give us our bread and butter, we do no propose to deprive them of any of theirs.

Chicago, February 25, 1901.

E. H. HUNT.
C. M. DICKINSON, Manager.

DETROIT.

At the last meeting of the Detroit Florists' Club the subject of the evening was "The Relation of the Employer and the Employe from the Employer's Standpoint," and the question was most ably handled and discussed by the employers.

Mr. Payne, the gentleman in charge of the weather office, gave a very interesting talk on how the predictions are made.

Pres. Rackham was unable to be present on account of rheumatism and was also kept from attending the carnation meeting at Baltimore for the same reason. RAG.

We wish to call your attention to the value in our Florists' Manual as recognized by many readers. See their letters that have appeared from time to time in the Review.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED — As florist and gardener by Christian young man on a private place; has had 12 years' experience on good places; strictly temperate; can furnish good references; state wages. Address R. P., care Florists' Review.

WANTED—To rent, with privilege of buying, three or four greenhouses in good locality in New England States, or position as manager of private greenhouses and grounds. Thirty years' experience. Address J. F., care Florists' Review.

SITUATION WANTED—By a first-class grower of roses, carnations, mums and violets; reference; married; give full particulars. Address R. F, care of John S. Martin, Neffsville, Lancaster Co., Pa.

FOR SALE—Lease of greenhouses—6,000 square feet of glass—and stock; all in good condition; within 12 miles of Chicago. Address E. B. C., care Florists' Review.

FOR SALE—Five lots and 10,000 feet of glass in Chicago; h-uses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

SITUATION WANTED—As propagator and manager in greenhouse establishment or nursery; lifetime experience; best of reference; Middle or Western States preferred. Address M, care Florists' Review.

SITUATION WANTED—By young married man as foreman in a commercial place; am thoroughly experienced in all branches of the business; can give best of references. Address Louis E. Flindt, 317 Fitzhugh Street, Saginaw, Mich.

SITUATION WANTED—As foreman. 21 years' experience, German, age 36, married; at liberty March 1st or later; at present at J. C. Rennison's greenhouses. Address Chas Nutz, J. C. Rennison's greenhouses, Sioux City, Iowa.

SITUATION WANTED—By a thoroughly first class up-to-date designer, decorator and salesman in a large city; best of references. Address Decorator, care Florists' Review.

SITUATION WANTED—The undersigned will be open March 1st for a position as grower of violets, carnations, mums and roses, or as plantsman; am an expert at the propagating bench and first class as a designer and all-around man; first-class manager of men; will only accept a place that is first-class and modern; references exchanged. Hustler, care Florists' Review.

SITUATION WANTED—By all-around foreman, married man. Address 30, care Florists' Review.

WANTED—Assistant in Greenhouse with some experience. German or Scandinavian preferred. Must be temperate and trustworthy. Anders Rasmussen, New Albany, Ind.

FOR SALE—Hot water circulator, capable of heating 4,000 square feet of glass surface. Price $35.00. Guaranteed. Geo. Staffinger, Springville, N. Y.

WANTED—Steam or hot water boiler to heat a greenhouse 20x150 feet, new or second hand; also price on glass 12x16. Catalogue of ventilating apparatus. H. Glenn Fleming, 810 Locust Avenue, Fairmont, W. Y.

WANTED—Wholesale catalogues of seedsmen, florists and nurserymen and florists' supplies. Address T. J. Noll, 412 Main Street, Joplin, Mo.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

WANTED—Ten gardeners accustomed to tree planting during April and May. Wages, $12.00 per week. Apply by letter now. Address Fair Oaks Nursery, Oak Park, Ill.

WANTED—Carnation grower to begin 1st of June, must be strictly first class and one who has made a specialty and success of carnation growing. Apply, stating terms and references, to The H. Dale Estate, Brampton, Canada.

WANTED.

Two rose growers and one general greenhouse man. Steady position. J. F. WILCOX,
Council Bluffs, Iowa.

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Azaleas, large plants full of buds, 50c to 75c each; Hydrangeas, 10c a bud; Cinerarias, 5-in., $1.50 per doz.; Cyclamens, 4-in., $1.25 per doz.; Genistas, 4-in., $2.00 per doz.; Primroses, 4-in., $1.00 per doz.; Hyacinths, 1st size, $1.50 per doz.; 2nd size, $1.00 per doz.; Primroses, Obconica, $1.00 per doz.; Crimson Ramblers, well budded, 50c to $1.00 each; Pansies, large transplanted plants, best strain, 50c per 100, $3.50 per 1000; Mammoth Verbenas, large plants from soil, 50c per 100, $1.50 per 1000; Marguerite Carnations, mixed colors from flats, $1.50 per 100. WHITTON & SONS, City and Green Streets, Utica, N. Y.

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Our stock of the useful every day sizes of Palms is larger and more complete at the present time than it has ever been at this season of the year, and stocks offered below will be found of excellent value and give complete satisfaction.

ARECA LUTESCENS.	Doz.	100
5-inch pots, 4 plants in a pot, 18 to 20 inches high	$ 5.0	$ 40.00
6 " 3 " " 20 "	9.00	75.00
6 " 3 " " 24 "	12.00	100.00
8 " 3 " " 36 "	36.00	

KENTIA BELMOREANA.	Each	Doz.
6-inch pots, 6 leaves, 24-inches high	$ 1.25	$ 15.00
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KENTIA FORSTERIANA.	Each.	Doz.
6-inch pots, 5 to 6 leaves, 24 to 28 inches high	$ 1.00	$ 12.00
6 " 6 " " 28 to 30 "	1.25	15.00
6 " 6 " " 30 to 36 "	1.50	18.00
7 " 6 to 7 " " 30 to 36 "	2.00	24.00
7 " 6 to 7 " " 36 to 42 "	2.50	30.00
9 " 7 " " 6 feet	7.50	
12 " 6 to 7 " " 6 feet high	10.00	
12-inch tubs, 6 to 7 " 7 to 8 " "	12.50	
12 " 6 to 7 " 7 to 8 " heavy	15.00	
12 " 6 to 7 " 8 to 9 " "	25.00	

LATANIA BORBONICA.	Doz.	100
6-inch pots, 5 to 6 leaves, 15 to 18 inches high	$ 6.00	$ 50.00
6 " 5 to 6 " " 18 to 20 "	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high ..... $1.50 each
8 " 36 " ..... 2.50 "
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NORWALK, OHIO.

A visit to Norwalk found the florists in a very prosperous condition.

I first visited the Parker greenhouses, a neat place of 7,000 feet, finely situated. Messrs. G. W. & W. Parker are the proprietors and are hustlers. They grow a general stock for retail trade and contemplate building large additions this coming spring, to meet the requirements of their rapidly growing trade.

I next visited Mr. E. G. Peat at the Central Greenhouses, which comprise about 7,000 feet of glass located in the residence part of the city. He, too, will build a house 24x100 for roses this spring. Mr. Peat has a fine stock on hand and the place has a prosperous look.

At the West End Greenhouses I found the manager, Mr. Floyd Anderson, looking hale and hearty. He has about 1,000 feet of glass, well stocked, and is working up a nice trade. H. MeN.

Carlson's Improved Aster Seed.

Pure White, Rose Pink and Dark Lavender, each, per ounce $1.00
Large Crote Pucket, each ..... .75
Small Packet ..... .20

Seeds will be mixed when desired at same prices.

It is believed this variety produced the largest flower-heads of any variety, reaching to 5 inches in diameter, according to fertility of soil and method of pruning.

Price to Trade given on application.

All orders accompanied by Express Money Order, Post-Office Order or Registered Letter will be promptly filled by **D. S. HEFFRON, at Washington Heights Station, Chicago, Ill.**

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	Per 100
Ageratum Princess Pauline...2-in.,	$2.00
White Paris Daisy ..... "	2.00
Geranium, Double Red..... "	2.00
Heliotrope ..... "	2.00
Abutilon, Trailing ..... "	3.00
Tradescantia, several sorts ... "	2.00
Alyssum, Double Giant ..... "	2.00

Over 100,000 Herbaceous Plants.

CASH PLEASE.

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STAMFORD, CONN.

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Austria Canna.

Growing roots from out-doors.

Per 100, 75c; per 500, $3.00; per 1000, $5.00
These are fine for Early Sales.
Cane Stakes, 6 to 8 feet, $3.00 per 1000
" 5 to 6 feet, 2.00

C. S. TAIT, BRUNSWICK, GA.

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HELIOTROPE, 2½-in.....$2.00 per 100.
DAISIES, White and Yellow, 2½-in., 1.50 per 100.
AGERATUM, Princess Pauline, 2½-in., 1.50 per 100.
Will make fine plants for Easter.

J. W. MILLER, HATTON, PA.

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Burpee's Seeds Grow

SAN FRANCISCO.

The Market.

Business has been fairly good lately, but the weather has been rather stormy and frosty, causing a great scarcity of outside flowers of all kinds. As a consequence inside stuff is having a little harvest all to itself and prices are very good for this time of the year. I might add that a half dozen new stores have started up lately and they to a great extent have helped to cause a shortage in the supply of wholesale stock.

The quality of roses is fair; in carnations, a good percentage of the blooms are split in the calyx. Maidenhair fern is very scarce and hard to get at any price. Acacia and fruit blossoms of various kinds are in market and sell well. Prices: American Beauties, 50 cents to $1; Brides and Bridesmaids, 50 to 75 cents; Meteors, 50 cents to $1; Cecil Brunners, 12½ cents per dozen. Carnations—Hobart, $1; Crocker, 75 cents; Bradt, 50 cents; Hill, 35 to 50 cents; Scott, 25 cents; mixed fancies, 35 to 50 cents; Portia, 25 cents per doz. Violets—Princess of Wales, 50 cents to $1.25; Californias, 50 to 75 cents; Marie Louise, 75 cents to $1 per dozen. Daffodils, single, 15 to 20 cents; double, 10 to 15 cents per dozen; paper whites, 50 to 75 cents per 100; Roman hyacinths, 20 to 25 cents; freesias, 15 to 20 cents; valley, 35 to 50 cents; Harrisii, $3.50 to $4 per dozen. Cattleyas, 50 cents per bloom.

Various Notes.

V. Matraia has opened up a new store at 118 Powell street.

Pouyal of Polk street will move shortly one block south of his present location.

Stevenson made a handsome crown containing 100 dozen single daffodils, which was used at the memorial services held in San Francisco recently on the occasion of the death of Queen Victoria.

Ben Black, lately in the employ of E. Laccazzette, Fourteenth street, Oakland, has opened a floral establishment right alongside of his former employer. It is needless to say that "they never speak as they pass by." Mr. Black's address is 420 Fourteenth street.

Mr. E. Gill has just finished one new propagating house, 20x45, and is making plans to build a carnation house 25x150. Mr. Gill reports that a Portuguese gentleman came into his store one day last week and ordered a floral piece to be lettered thus: "Josephine Silva, 5 years old, died of diphtheria." The gentleman from Portugal took Mr. Gill's advice and dropped out the word "diphtheria."

Mrs. J. McCarthy has opened a store at the Narrow Gauge depot, Fourteenth street, Oakland, and will do a catering and florist business.

D'Artagon & Baretta, lately of the "Bon Marche," Salter street, San Francisco, have opened up a new store under the title of "The American Florists," 1064 Washington street, Oakland. They are carrying a fine stock and are in a good location.

Mr. J. Gilmore, Elmhurst, is building three new houses, 16x300, for roses and carnations.

J. N.

Good employes are hard to find and not easy to grow. Encourage some one of yours by making him or her a present for Christmas of our $5.00 copy of "The Florists' Manual."

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
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Growers of CUT FLOWERS at Wholesale.
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Shipping orders receive prompt and careful attention.
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Wholesale Dealers in Everything for Florists.

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WEILAND & RISCH
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We are extensive growers and have unsurpassed shipping facilities.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

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6-inch pots, 18 inches above pot, $1.00 each.
7-inch pots, 20 inches above pot, 1.50 "

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Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R.

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Beauty, in 3-inch, large and strong...$2.00 per 100.
Lorillard in 2½-inch ..... 2.00 "
Lorillard, transplanted plants..... .50 "
Lettuce, Silverball, 15c per 100; $1.25 per 1000.
Cabbage Plants, Wakefield, ready March 1st.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

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WHOLESALE
COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

Best Brides and Maids	$6.00 to	$8.00 per 100
Good " "	5.00 to	6.00 "
Perles	4.00 to	5.00 "
Meteors	6.00 to	8.00 "
Roses, our selection		4.00 "
American Beauties—		
Long	5.00 to	6.00 per doz.
Medium	3.00 to	4.00 "
Short	1.25 to	2.00 "
Callas and Harrisii	1.50 to	2.00 "

Carnations, fancy	$3.00 to	$4.00 per 100
" fine	1.50 to	2.00 "
" our selection		1.25 "
Smilax	1.50 to	2.00 per doz.
Ferns, Adiantum	1.00 to	1.25 per 100
" Common	1.50 to	2.00 per 1000
Galax Leaves		1.50 "
Lily of the Valley	2.00 to	5.00 per 100
Romaa Hyacinths	3.00 to	3.50 "
Violets	.40 to	1.00 "
Paper White	2.00 to	3.00 "
Asparagus		50c per string
Leucothoe Sprays		75c per 100
Tulips	$1.00 to	$4.00 per 100
Daffodils	3.00 to	4.00 "
Freesia	3.00 to	4.00 "

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Change Your Rose Stock

Healthy Plants Grown from Grafted Stock Cuttings.

Strong well established plants from 2½-inch pots, READY FOR SHIPMENT MAY 1st.

Bride, Bridesmaid and Golden Gate
At $3.00 per 100.

Place your orders at once and choice stock will be reserved for you.

L. L. MAY & CO.,
ST. PAUL, MINN.

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PICUS AND PALM PLANTS.

Ficus, 6 in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Latanias, 7-in. pots, 1 plant to pot, 2 to 2½ ft. in height and diameter, 8 and 9 leaves, $12.00 per doz. Latanias, 8-in pots, 1 plant to pot, 2½ to 3 ft. height and diameter, 9 to 10 leaves, $15.00 per doz. Latanias, 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. height and diameter, 12 to 14 leaves, $24.00 per doz. Kentia, 6-in pots, 1 plant to pot, 3½ ft. in height, $18.00 per doz. Arecas, 8-in pots, 2 and 3 plants to pot, 4½ ft. in height, $1.00 per plant.

J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia.

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Wholesale
Florists,

RICHMOND, INDIANA.

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ROSES.

We believe in shifting young roses often. All stock offered in 2½-inch pots has been shifted from 2-in., and is equal to most stock advertised as 3-in., and when we send it out is well established. Let us know your wants. 2 and 2½-in. stock is fine. Varieties grown: Meteors, Brides Maids, Perles, La France, A. V. Kaiserin, Woottons, Belle Seibert, Pres. Carnot, Golden Gate, American Beauties, Liberty.

CARNATIONS. R. C. and 2-in., Bradt, Crocker, Joost and McGowan.

R. C. Celeus, Mixed Verschaffeltii, Golden Bedder, Yellow Queen, etc., etc.

Englisb Ivy, 2½, 3 and 4-in. pots, fine.

GERANIUMS. Red, White, Pink, in 3-in.

SPECIAL IN WOOTTON ROSES. If you are interested in having a fine lot of Roses for summer, order our 2½-in. stock ready to put in beds.

A few thousand Sprengeri ready for 2-inch pots.

BOSTON FERNS.

Do you want to make some money for Easter? Then write Geo. A. Kuhl, Pekin, Ill., about those 4, 5, 6 and 7-in. Bostons he has. They are ready for a shift and will make you money as well as a fine display at Easter time.

GEO. A. KUHL, PEKIN, ILL.

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PANSIES AND VERBENAS.

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—S. A. Nutt, Grant, Red Bruant, Pink and La Favorite, rooted cuttings, $1.50 per 100; 2½-inch $2.00 per 100; 3-inch, $3.00 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 3-in., $3 per 100. Heliotrope, mixed, and Dwarf Lobelia, mixed, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Always mention the Florists' Review when writing advertisers.

ST. PAUL.

Dear Mr. Review:—It is six months past since I have reported to you of the Twin City florists' picnic, and the boys think it about time to let you know that we are all still alive here and are enjoying a good winter business. La grippe, in combination with other diseases, smashes many lives without mercy, as Carrie Nation did the beer glasses down in Kansas. Funeral orders every day at all the stores, and consequently good white stock at times is scarce. During carnival times roses of shades were in great demand and the supply insufficient; even today, in spite of Lent, demand for cut roses is unabated.

A week ago Saturday friends of P. Holm, senior partner of the firm of Holm & Olson, gave him a surprise party at his residence; some fifty people were present, enjoying themselves in dancing and singing, and the men folks, mostly florists, in killing a barrel of beer. A present in the form of a nice piece of furniture was given to Pete and his lovely little wife.

The florists just now are hustling, bustling, rustling to get things in shape for Easter.

Our violet specialists, Haugen & Swanson, are wearing happy faces; their violets are in full crop; good sized flowers of the deepest blue. About the end of November they were a sorry looking lot, but through good care and constant watching they have picked up wonderfully.

Henry Puvogel had the finest lot of Chinese primroses ever seen in this city, some 2,000 plants, and they sell well.

Christ Hansen brings the best carnations to market. Seeger is enjoying big crops of roses from his new range of rose houses.

Christ Bussjaeger is planning for new additions this summer.

Chas. Vogt, our "dandy florist," is still looking for a "frau." And there are a half dozen more bachelor florists in this city—H. Strehlow, Johnnie Fleischer, Max Bussjaeger, Johannes Nillsen, etc., etc.—who are all good looking fellows, of good habits, and business owners.

I nearly forgot to tell about our latest boom in the florists' circle—that is, the coal boom; lignite, yes, sir, Dakota lignite at $3.40 per ton, and smokeless and sootless, which means much for us. It burns freely and is easy and clean to handle. The ashes look like dry sand. However, it was put on the market too late for this season, as most of our florists had already made contracts for coal by the 1st of September. Cheap coal will be a great thing for the Twin Cities; last year we paid $5.50 for Youghiogheny and, by Jove, after paying the coal bills there wasn't much left.

With greeting and regards from all of us, Christ. Bussjaeger.

ONLY ONE NIGHT ON THE WAY.

From Chicago to St. Augustine the Chicago and Florida Special is only one night en route, leaving Chicago Union station via Pennsylvania Lines at 12 o'clock noon Tuesdays and Fridays, arriving Jacksonville 7:30 p. m., St. Augustine 8:30 p. m. next evening. For special information apply city ticket offices, Pennsylvania lines, or to H. R. Dering, A. G. P. Agt., 248 South Clark street, Chicago.

Special Bargains.

We are headquarters for the following:

All plants quoted from 2½-inch pots, except where noted.

Asparagus Plumosus Nanus, $3.50 per 100; $30.00 per 1000.
Asparagus Sprengeri, $2.50 per 100; $20.00 per 1000.
Acalypha Sanderii and Triumphans $4.00 per 100; $35.00 per 1000.
Azaleas, 12-inch heads, best varieties, $1.00 per dozen.
Boston Ferns, $3.00 per 100; $25.00 per 1000.
Crotons, finest assortment, $3.00 per 100; $25.00 per 1000.
Calla Lilies, blooming bulbs, 75c per dozen: $6.00 per 100.
Cannas, all the leading varieties, well established in pots, $5.00 per 100.
Camellia Japonica, 20 inches in height, assorted colors, 50c each; $5.00 per dozen.
Coleus in all the leading varieties, $2.50 per 100; $20.00 per 1000.
Geraniums, double and single varieties, the very best $3.00 per 100; $25.00 per 1000.
Hibiscus, 10 sorts, $2.50 per 100.
Heliotropes, $2.50 per 100; $20.00 per 1000.
Ponderosa Lemons, bears fruit two pounds and up, an ideal pot plant. It blooms and fruits when quite small. $1.00 per dozen; $7.00 per 100; $60.00 per 1000.
Otaheite Orange, $3.00 per 100; $25.00 per 1000.
Moon Vines, $3.00 per 100.
Russellias, the two new sorts, $2.50 per 100.
Smilax, $2.00 per 100; $17.50 per 1000.
Salvia Splendens, $2.50 per 100.

Lemon Verbena, $2.00 per 100.
Tuberoses, first class bulbs, 75c per 10; $6.00 per 1000.
Roses, all the leading varieties, Teas, Hybrid Teas, Climbers, from 2½-inch pots, $2.50 per 100. Hybrid Perpetuals, $15.00 per 100. Strong roses from 4-inch pots — Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c.

Send us your list for special quotation. Our wholesale price list just out. Write for it to-day.

THE GOOD & REESE CO.,

THE LARGEST ROSE GROWERS IN THE WORLD. SPRINGFIELD, OHIO.

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CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.
Alternanthera, red and yellow, 60c per 100; $5.00 per 1000
Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet white; 60c per 100; $5.00 per 1000.
Heliotropes, 10 best varieties, all named, 70c per 10; $5.0 per 1000.
Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.
Verbena plants, in one, full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000.
Heliotrope, 2½-in., strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. Cyhat Cash, Please.

C. HUMFELD, - Clay Center, Kansas.

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Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

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FRANCIS BRILL,

Specialist in **Cabbage and Cauliflower Seed.**

HEMPSTEAD, Long Island, N. Y.

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100,000 Kentucky Grown Roses

in 2½-in. pots, in over 75 of leading varieties.

Submit your lists for prices.

Hibiscus, strong thrifty plants ready for shift. Fulgidus Versicolor Grandiflora, Aurea Variegata, double pink, double red, 2½-inch pots, $1.00 per 100.

Acalypha Marginata, 2½-inch pots, $3.00 per 100; 3-inch pots, $4.00 per 100; 4-inch pots, $6.00 per 100.

Jessamines, Maid of Orleans, Grand Duke, Sambac, Revolutum, Grandiflora, strong, 3-inch pots, plants ready to shift, $6.00 per 100.

ASPARAGUS SPRENGERI, strong plants, 2½-inch pots, $3.00; 3-inch pots, $6.00.

VIOLETS, Swanley White, 2-inch pots, $2.00 per 100.

New Rose WINNIE DAVIS,

For description see our 1901 catalogue.

2½-inch pot plants, $5.00 per dozen; $25.00 per 100.

CARNATIONS, best general collection, fine stock

CHRYSANTHEMUMS in quantities, composed of best and up-to-date varieties.

ARBOR VITAES, Pyramidals, large fine plants, 3 to 4 feet high, well shaped, 35 cents each; $4.00 per dozen.

IRISH JUNIPERS, fine stock, 3 to 4 feet high, 35 cents each; $4.00 per dozen, 4 to 6 feet high, 50 cents each; $5.00 per dozen.

1901 catalogue free upon application. Address

NANZ & NEUNER,

LOUISVILLE, KY.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PINK ARMAZINDY.

This picture shows a house of our sport, Pink Armazindy, from a photograph taken just after the big snow storm and just after our daily cut.

It is a great producer and a fine seller, one of the best Carnations we ever grew. We are offering Rooted Cuttings of it at **$6.00** per hundred, **$50.00** per thousand.

See our full list of Rooted Carnation Cuttings

In the Classified Advs. in this issue.

WIETOR BROS.,

51 Wabash Avenue. CHICAGO.

SAMUEL S. PENNOCK. Wholesale Florist

Open from 7:00 A. M. to 9:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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Young Palms for Growing On

Sizes and varieties offered below are probably the cleanest, thriftiest and best valued plants we have ever offered; all are in condition for immediate potting on, and will prove a paying investment to anyone having room to handle same.

ARECA LUTESCENS

		Per doz.	Per 100.	Per 1000.
4-inch pots,	2 plants in a pot, 15 inches high,	$3.00	$25.00	$200.00
5 "	3 and 4 " " 18 to 20 "	5.00	40.00	350.00

KENTIA BELMOREANA

2½-inch pots,	3 to 4 leaves, 8 inches high,	$1 50	$12 00	$100.00
3 "	5 leaves, 10 to 12 "	3.00	25.00	200.00

KENTIA FORSTERIANA

2½-inch pots,	4 leaves, 8 to 10 inches high,	$1 50	$12.00	$100.00
3 "	4 to 5 leaves, 10 to 12 "	2.50	20.00	180.00
4 "	4 to 5 leaves, 15 "	4.50	35 00	300.00

LATANIA BORBONICA Nicely characterized, stocky, perfect plants, of exceptional good value.

3-inch pots, 5 to 6 leaves, 10 to 12 inches high..... $1.00 per doz.; $8.00 per 100; $75.00 per 1000.
4-inch pots, 6 to 7 leaves, 12 to 15 inches high..... 2.50 " 20.00 " 150.00 "

PTYCHOSPERMA ALEXANDREA 5-inch pots, 5 to 6 leaves, 20 to 24 inches high, $3.00 per doz.: $25.00 per 100.

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA.

Mention The Review when you write.

CHRYSANTHEMUM SOCIETY.

At a meeting of the Chrysanthemum Society of America, held at Baltimore last week, it was decided to offer the society's cup this year for the best 10 blooms of any variety shown at the coming exhibition of the New York Florists' Club in New York City.

It was announced that the sum of $100 had been offered as a special prize to be awarded under the auspices of the society at the New York exhibition, and Messrs. A. Herrington, J. N. May and P. O'Mara were appointed to arrange with the New York Club as to the classes in which it was to be offered.

In the absence of the president Mr. E. Dailledouze presided at the meeting.

HYDRANGEAS.

At what temperature should Hydrangea Otaksa be kept in order to have them in by Easter? The buds are now (Feb. 15) just beginning to show.

W. L.

Any advice I can give on the above will be rather behind time but if the hydrangeas were showing buds on the 15th of February I would consider them in good condition for Easter. The temperature of 60 degrees at night ought to bring them along very well. However, so very much depends on the weather. But you have got them under control and they should not need extreme forcing.

W. S.

FOR SALE OR EXCHANGE—R. Cuttings, 1 cent. New and selected Coleus, Ageratum (Gurney, Pauline), Parlor Ivy, Verbenas, Mum's (Frank Hardy, Simpson, Dailledouze, Pres. Smith, Queen and Bonnaffon); the above in 2 in., 2 cents. Red Amaryllis, ready to bloom, Pompon Dahlias 8 cents. Poinsettias later. Wanted, White Cloud, Mrs. Joost, Mrs. Bradt, etc. Write W. H. STENGER, Granville, O.

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WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart; perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Mention The Review when you write

Choicest Fruit and Ornamental Trees.

Shrubs, Plants, Bulbs, Seeds. 40 Acres Hardy Roses. 44 Greenhouses of Palms, Everblooming Roses, Ficus, Ferns, Etc. Correspondence solicited. Catalogue Free. 47 Years. 1000 Acres.

THE STORRS & HARRISON CO., Painesville, Ohio.

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PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 Good Pansy Plants,

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU, 199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

FOR SPRING DELIVERY: FIELD-GROWN HARDY HERBACEOUS STOCK, as follows:

Aquilegia, single and double mixed; Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilia Paniculata, $5 per 100.

Ready Now. Transplanted stock of Hardy Pinks, 6 varieties, $1.25 per 100 by mail. Primula Veris and Aquilegia Chrysantha, from 2½-in. pots, $2.00 per 100. Cash with order please.

CHARLES S. DUTTON, 85 West 12th Street, HOLLAND, MICH.

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ONE DOLLAR FIFTY PER 1000 FOR

BRONZE GALAX LEAVES, Delivered NOW FREE

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

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J. L. ELLIOTT'S Pure Pulverized Sheep Manure

Pure Raw Bone Flour and Hardwood Ashes for sale.

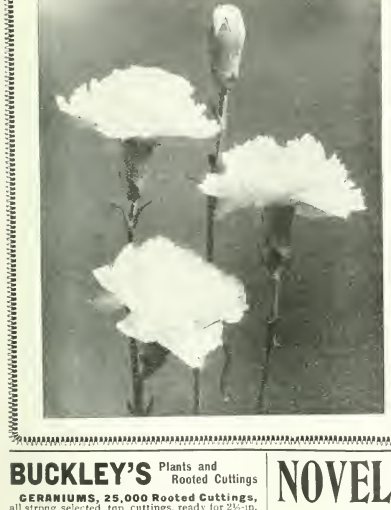
Sample and price list mailed on application

Office and Factory... 645 Canal St., Bethlehem, Pa.

Mention The Review when you write.

Norway.

The Queen of commercial White Carnations. Scored 91 points at Baltimore; awarded First Prize for 100 white, Bronze Medal for 12 best seedlings and first class Certificate of Merit. Stock all sold until April 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment for cuttings delivered in April.



Egypt.

A most distinct dark variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties: $1.50 per doz., **$10.00** per 100, **$75.00** per 1000.

Genevieve Lord.

The greatest money-making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100, **$50.00** per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON.

A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered.

50c each, **$5.00** per doz., **$30.00** per 100.

Complete list of other Novelties and Standard Varieties. Catalogue ready: write for it.

H. WEBER & SONS,
OAKLAND, MD.

BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar. $2.00 per 100; $18.00 per 1000. Same varieties N X strong, 2½-in. $1.50 per 100.

VERBENAS—SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2-in. and 2½-in., strong healthy plants, green as grass, full of cuttings, $1.50 per 100; $12.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100; $7.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 90c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

CARNATIONS.

Well Rooted Cuttings from Sand or Soil.

Ethel Crocker	per 100,	$3.00	per 1000,	$25.00
White Cloud	"	1.75	"	15.00
Flora Hill	"	1.75	"	15.00
Triumph	"	1.75	"	15.00
Mrs. James Dean	"	1.00	"	9.00
Mayor Pingree	"	1.00	"	8.00
Wm. Scott	"	1.00	"	8.00

A few thousand of the above from 2½-in. pots. Write for prices. Cash with order.

C. AKEHURST & SON, White Marsh, Md.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

NOVELTIES

OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in **Geraniums,** including the best of last years' and 1900 varieties. This year's leader is our new dwarf **"Little Pink."** No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. **"Clyde"** is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's **New Carnations,** also standard sorts.

Send for our descriptive price list, which also tells you something of the **best Garden Wheel Hoe on earth.**

W. E. HALL, CLYDE, O.

Mention The Review when you write.

LOOK on page 391, Florists' Review, Issue of February 21, 1901,

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Chrysanthemums.

STRONG ROOTED CUTTINGS READY APRIL 1st.

EARLY SORTS:
Bergmann, white; Rose Owen, pink; Yellow Monarch, $1.50 per 100.

MID-SEASON VARIETIES:
Mrs. H. Robinson, white; Mrs. Murdock, pink, $1.50 per 100; Mrs. W. H. Weeks, white; Australian Gold, yellow, $1.00 per 100.

FOR THANKSGIVING TRADE:
Golden Wedding, Philadelphia, Mrs. Jerome Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100.

FOR CHRISTMAS BLOOMING:
H. W. Rieman, yellow; The Harriott, pink; Yanoma, white, $2.00 per 100.

L. L. MAY & CO., St. Paul, Minn.

Mention The Review when you write.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $5.00 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

BRUSSEL'S SPROUTS.—25 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

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THE Review's classified advs. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."

FANCY CARNATIONS

We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Ethel Crocker	$2.50	$20
Mrs. Thos. W. Lawson	$7.00	$60.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00

RED.	Per 100	Per 1000
G. H. Crane	$3.00	$25.00
America	3.00	25.00
MAROON.		
Gen. Maceo	2.00	15.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

...BASSETT & WASHBURN

STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

Mention The Review when you write.

BOSTON.

Trade Conditions.

Trade is only fairly good. Surely it has not averaged up to a conservative estimate for the date since the beginning of the season. Scarcity of goods is all that has kept prices right, and now that warmer weather and Lent are upon us the probable results are not pleasant to contemplate. Everything has begun to come more plentifully except customers, cash and fine, white flowers. Roman hyacinths being the best example of the kind in any quantity.

Various Items.

The firm of Sheridan & Dichl, of Bromfield street, has closed its doors.

Mr. Lawrence Flynn, better known as "Larry," has severed his business connection with Geo. A. Sutherland in order to establish himself in the same line on Ordway place, opposite the building formerly occupied by Galvin & Co. It is generally understood that Mr. Lawrence Cotter will be interested in the venture. The "long and short of it," therefore, is most conspicuous in the stature of the two Larrys. But a short man may have a long head; a long man can not be "short," and brains and "long green" make a powerful combination. May the first new move of the century keep pace with all progress. J. S. Manter.

Bellefontaine, O.—The potting shed put up by Poole & Purllant to replace the one destroyed by fire a few weeks ago is about completed and is a big improvement over the old one. It is 12x38x12 with a good storeroom above and a cellar the entire length of the building. Their loss was not so much by fire as by frost, as they could not keep up enough steam to keep the frost out, as the ends of the houses were exposed and the boiler out in the open air, and during the few cold nights following the fire they lost nearly all their plants.

Cedar Rapids, Ia.—Arthur P. Krebs died at his home in Rose Hill Feb. 8, aged 40 years.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ire	$7.00	$60.00	Crocker	$3.00	$25.00	Cerise Queen	$1.00	$9.00
Guardian Angel	6.00	50.00	Peru	2.50	20.00	Edna Craig	1.00	9.00
Sunbeam	10.00	75.00	Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	2.50	20.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.50	20.00	Daybreak	1.25	10.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	Armazindy	1.00	9.00
Irene	10.00	75.00	John Young	1.50	12.50	White Cloud	1.25	10.00
Mrs. Lawson	6.00	55.00	Argyle	1.00	9.00	Hill	1.00	9.00
Marquis	4.00	35.00	Evanston	1.00	9.00	McGowan	1.00	7.50
Genevieve Lord	4.00	35.00	Frances Joost	1.00	9.00	Evelina	1.00	7.50

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle	$3.00 per 100; $25.00 per 1000.				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

THE LAWSON CARNATION

is rapidly demonstrating its **commercial value** all over the country. There will be a **heavy demand for rooted cuttings** this season. **My stock is in fine condition, clean and vigorous.** Rooted cuttings, **ready now** or for later delivery. Price per 100, **$7.00;** per 1000, **$60.00. Terms strictly cash** from unknown parties. Send all orders direct to

PETER FISHER,

No Agent. ELLIS, MASS.

Mention The Review when you write.

PALMS... and BOSTONS

WALTER RETZER & CO.

2045-59 Clarendon Ave. (N. Halsted St.) Chicago, Ill.

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small Roots or Sets, 50c per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

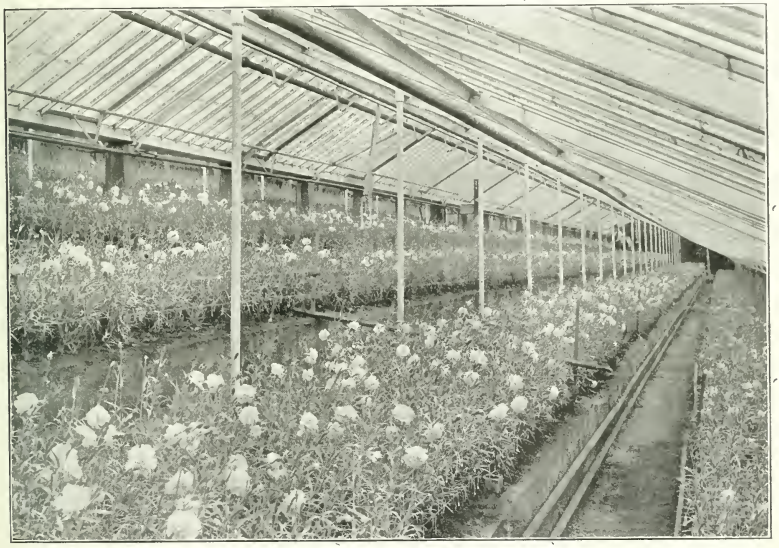
Mention The Review when you write.

QUEEN LOUISE CARNATION.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.
IT BLOOMS EARLY. IT BLOOMS LATE.
IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings ready Feb. 15th. Price $10.00 per hundred; $75.00 per thousand.



Christmas Crop of Queen Louise, taken December 22, 1900.

Come and see it or send for circular. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

For Quick Sale.

Extra fine
Rooted **CARNATION** Cuttings
direct from the sand.

Cannot be Beaten in Quality.
Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,
Berteau Ave., near Western Ave., CHICAGO.
For list of Varieties see Classified Advs.
Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas 35 varieties, 60 cts. per 100; $5.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $5.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Begonias, 2½-in., assorted, $3.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write **S. D. BRANT, Clay Center, Kans.**
Mention The Review when you write.

ROOTED CUTTINGS of the Grand New Pink Carnation —GUARDIAN ANGEL.

It has **Strong Stems** and is a **Very Free Bloomer** and a **MONEY-MAKER** in every sense of the word.

Note our low price, $4.00 per 100, $35.00 per 1000.

Send for our list of other varieties.

HOLTON & HUNKEL CO., - - MILWAUKEE, WIS.

Mention The Review when you write.

Carnations.

Strong Rooted Cuttings Ready April 1st.

Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, $2.00 per 100.

G. H. CRANE, $2.50 per 100.

CYPERUS ALTERNIFOLIUS, strong, stocky plants, from 2½-in. pots, for immediate shipment, at $5.00 per 100.

L. L. MAY & CO., St. Paul, Minn.
Mention The Review when you write.

Strong and Healthy Carnation Cuttings well Rooted.

Marquis	per 100,	$4.00	per 1000,	$35.00
G. H. Crane	"	3.00	"	25.00
White Cloud	"	2.00	"	15.00
Flora Hill	"	1.50	"	12.50
Genesee	"	1.50	"	12.50
Daybreak	"	1.50	"	12.50

250 at 1000 rate. Cash with order from unknown parties.

W. C. STROH, ATTICA, N. Y.
Mention The Review when you write.

Rooted Cuttings.

CARNATIONS.

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded upon return of plants if not satisfactory.

SPORT	Pink	100	1000
	Armazindy	$5.00	$40.00
	Triumph, Flora Hill	1.50	12.50
	White Cloud, Evanston	1.50	12.50
	Armazindy, Portia	1.00	7.50

		100	1000
	Wm. Scott	$1.00	$7.50
	McGowan	1.00	7.50
	Evelina	1.00	7.50
	Kohinoor	1.00	7.50

ROSES		100	1000
	Golden Gate, Meteor	$1.50	$12.50
	Bride, Bridesmaid	1.50	12.50
	Perle	1.50	12.50

These cuttings are up to the well known standard of those sent out by us in previous seasons.

J. A. BUDLONG, 37-39 Randolph St. CHICAGO, ILL.

Mention The Review when you write.

DENVER, COLO.

Business has been fully up to the standard the past two weeks and Lent has made little difference. The social season came to a close with quite a number of dinners which helped trade along, the presence of Gen. Fitzhugh Lee in town for a couple of days was accountable for the use of a great many flowers, as he was well entertained.

We look with interest for the report of the carnation convention. We did not have a representative there, but will try to learn what we can from the papers. Wonder if you had a Miss Anita Carre "trip" the foothights and sing "I'd Leave My Happy Home" to the baldheads in the front row, and then receive a bunch of five hundred carnations for the song, "a la Buffalo."

Mr. Valentine is still confined to the hospital, but is convalescing so nicely that it is expected he will be able to go to his home by Tuesday.

Recent visitors were Arnold Ringier, Jos. Rolker, A. L. Vaughan and Mr. C. Cropp. ROCKY.

KALAMAZOO, MICH.

During the past month trade has been brisk and steady; funeral work of a good class plentiful.

In roses, Maids, Brides and Meteors have been plentiful and good; Beauties scarce. Carnations are a little scarce but of excellent quality. Plenty of bulbous stock. Lilies are a splendid crop and promise to be in in quantity at Easter. The disease is not so prevalent as in former years. Roses and carnations are showing up for a heavy cut about Easter.

The Van Bochove boys are cutting some high grade Maids, Brides and Meteors.

It is rumored that some of the firms here are to add largely to their plants this spring.

Celery men are beginning to sow their seed for the first crop. Looks like spring, don't it? RIBES.

Hot Springs, Ark., Without Change.

You can leave Chicago in a through sleeper any day on the Wabash Fast Day Express at 11:03 A. M., and be in Hot Springs next morning at 9:00 o'clock. This is the only line via St. Louis operating a through sleeper from Chicago to Hot Springs.

Write for illustrated booklet giving full information about this popular health resort. Rates will be quoted and sleeping car reservations made upon request.

Ticket Office, 97 Adams Street.

F. A. Palmer, A. G. P. A., Chicago.

We Root 10,000 Carnation Cuttings a Week.

SEE OUR LOW PRICES ON SMALL LOTS.

	Per 100
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeRoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1900	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00

	Per 100
Mrs. G. M. Bradt, variegated	$2.00
Peru, white, 1900	2.50
Gen. Gomez, red	1.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

5 cuttings at 100 rates.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
Maiden Hair Fern, 2½-in	5.00
New Geranium De Roo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud 3-in	10.00
Alternantheras, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cigar Plant, 2½-in	1.50
California Moss, hanging basket plant, 2½-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Mix Begonias, flowering, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Vinca, green trailing, 2½-in	1.50
Vinca, green trailing, 6-in	15.00

	Per 100
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Cannas, started plants from strong bulbs, Triumph, Progression, Burbank, A. Bouvier and McKinley, 4-in	2.50
Petunias, choice double mixed, 4-in	5.00

	Per 1000
Pansy Plants, from cold frames, small	5.00
Pansy Plants, 2 leaves, from cold frames	15.00

5 plants at 100 rates, 25 at 1000 rates. Cash, or R. C. and Plants will be sent C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,

CORFU, Genesee Co., N. Y.

Mention The Review when you write.

MRS. F. JOOST

The most profitable of all the standard Pink Carnations.

It will pay you to plant this instead of Scott.

Strong Healthy Cuttings, well rooted, $1.50 per 100, $12.00 per 1000.

See our ad. in last Review for other varieties.

CASH WITH ORDER PLEASE.

BAUR & SMITH,

38th St. and Senate Av., Indianapolis, Ind.

Mention The Review when you write

SAY, READ THIS.

Going at mere nothing = 25,000 A No. 1 R. C. of Ethel Crocker at $2.50 per 100; $23.00 per 1000, until sold. All orders amounting to $10.00 or over Express paid to any part of U. S. Have all 1900 Novelties and Standard varieties.

Dana R. Herron, Olean, N. Y.

Mention The Review when you write.

THE BIG FOUR.

Our Introductions of New Carnations for 1901.

Sunbeam: Extra bright flesh pink, early, free and continuous bloomer. Flowers of good form and size, borne on long stiff stems ..... Per doz. $1.50, Per 100 $10, Per 1000 $75

Bon Homme Richard: White, exceptionally free blooming; fine form, good size. Stems 2½ to 3 feet long... $1.50 $10 $75

Nydia: Variegated, salmon stripe on white ground. Quick seller, extremely free bloomer, fine form and stem..... $1.50 $10 $75

Prolifica: Cerise pink, very long, stiff stems, large flowers, and as its name indicates, an extra free bloomer..... $1.50 $10 $75

First lot of the above four varieties READY NOW.

LET US FIGURE ON YOUR WANTS.

OTHER VARIETIES.

	100	1000
Mrs. Thos. W. Lawson	cerise pink	$6.00	$50.00
Olympia	variegated	5.00	40.00
Marquis	pink	5.00	40.00
Genevieve Lord	pink	5.00	40.00
Ethel Crocker	pink	4.00	35.00
Morning Glory	light pink	4.00	35.00
Mrs. Geo. M. Bradt	variegated	3.00	25.00
G. H. Crane	scarlet	3.00	25.00
Chicago	scarlet	3.00	25.00
Gold Nugget	yellow	3.00	25.00
Gen. Maceo	crimson	2.00	15.00
Gen. Gomez	crimson	2.00	15.00
White Cloud	white	2.00	15.00
Mrs. Frances Joost	pink	2.00	15.00
Mrs. Jas. Dean	pink	2.00	15.00
John Young	white	1.50	12.00
Flora Hill	white	1.50	12.00
Argyle	cerise pink	1.50	12.00
Daybreak	light pink	1.50	12.00
William Scott	pink	1.00	8.00
Armazindy	variegated	1.00	8.00

	100	1000		100	1000
Guardian Angel	$3.00	$30.00	Evanston	$1.50	$12.50
Peru	4.00	35.00	Gov. Griggs	1.50	12.50
Triumph	1.50	12.50	Melba	1.50	12.50
Cerise Queen	1.50	12.50	L. McGowan	1.00	7.50
Edna Craig	1.50	12.50	Mrs. L. Ine	7.00	60.00

ROOTED CUTTINGS NOW READY.

CHICAGO CARNATION COMPANY, - - JOLIET, ILL.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt.	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100, $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

ETHEL CROCKER

The Largest Stock of any one grower in the country from which to select my cuttings.

Price $4.00 per 100. $30.00 per 1000.

ALBERT M. HERR,

LANCASTER, PA.

Send for List of Other Varieties.

Mention The Review when you write.

SPECIAL SALE.

	Per 100.
Alternanthera, yellow	$1.50; red, $1.75
Geraniums, my selection, 2½-in. pots	2.50
Coleus Mix—Blue Ageratum, 2-in. pots	1.50
Asparagus Sprengeri, 2-in. pots	1.75
Vinca Harrison Vine, 2-in. pots	2.00
100 Asparagus Plumosus, 2-in. pots	2.50
Verbenas, 2-in. pots	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

ROSE CUTTINGS! CARNATION CUTTINGS!

ROOTED ROSE CUTTINGS.

	100	1000
Brides	$1.50	$12.50
Bridesmaids	1.50	12.50
Meteors	1.50	12.50
Perles	1.50	12.50
Golden Gate	1.50	12.50
Lady Dorothea	$1.50	$12.50
Kaiserin	1.50	12.50
Maman Cochet	1.50	12.50
American Beauty	3.00	25.00

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. Thos. W. Lawson	$7.00	$60.00
The Marquis	6.00	50.00
Ethel Crocker	5.00	40.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
Olympia	5.00	40.00
G. H. Crane	3.00	25.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	3.00	25.00
America	3.00	25.00
Chicago	3.00	25.00
Mabel	3.00	25.00
Elsie Ferguson	3.00	25.00
Gold Nugget	3.00	25.00
Pingree	3.00	25.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	2.00	15.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
White Cloud	$2.00	$15.00
Leslie Paul	2.00	15.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Dawn	2.00	15.00
Eldorado	2.00	15.00
Melba	2.00	15.00
Victor	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Meteor	1.50	12.50
Armazindy	1.50	12.50
Iris Miller	1.50	12.50
Sandusky	1.25	10.00
William Scott	1.25	10.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice Rooted Cuttings, first-class in every respect, true to name. 25 at 100 rates; 250 at 1000 rates. Write for catalogue and complete list of Carnations and Roses, rooted cuttings and in pots.

Do you receive our weekly price list? If not, write us; we will place your name on our mailing list.

LAKEVIEW ROSE GARDENS, Jamestown, N. Y.

Mention The Review when you write.

SELECTED ROOTED CUTTINGS

CARNATIONS

	Per 100	Per 1000
The Marquis, rich pink	$5.00	$40.00
Morning Glory, light pink	3.50	30.00
Mrs. Lawson, famous pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Daybreak, flesh	2.00	15.00
Melba, fine pink	2.00	15.00
Mrs. Joost, money maker	2.00	15.00
Wm. Scott, pink	1.00	10.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	$1.50	$12.50
Peru, white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, scarlet	3.00	25.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, variegated	3.00	25.00

Also all Novelties of this Year at Introducers' Prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderil and triumphans, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Acalypha marginata, 2½-in., $3.00; 3-in., $4.00; 4-in., $6.00 per 100. Nanz & Neuner, Louisville, Ky.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum Stella Gurney, well-rooted cuttings, $1.50 per 100. Cash with order. Mann Bros., Wholesale Florists, Randolph, Mass.

Ageratum Princess Pauline, 2½-in., $2.00 per 100. Stella Gurney, 2½-in., $3.00. Otis F. Searles, L. B. 238, Nashua, N. H.

Ageratum Princess Pauline, rooted cuttings, 60c per 100, $4.50 per 1000; 2½-in. pots, $2.50 per 100. Jerome Harley, Media, Pa.

Ageratum, Blue, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALOES.

Aloe picta, $2.00 to $3.00 per doz. Aloe vera and Agave americana variegata, $1.50 to $2.50 per doz. Cash. Mrs. M. E. Patterson, Glendale, Cal.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ALTERNANTHERA.

Alternantheras, red and yellow; stock plants; large, $2.00 per 100; rooted cuttings, 60c per 100, $5.00 per 1,000. Sure to please. Mann Bros., Wholesale Florists, Randolph, Mass.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100. Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunninghan, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alysaum, var., 2¼-in., $4.00; R. C., $1.25 a 100; Dbl. Giant, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Giant alysaum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alysaum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Kiehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

ASPARAGUS.

Plumosus Nanus, 2½ inch pots.....	$ 5.00 per 100
3 inch pots.....	6.00 "
4 inch pots.....	12.00 "
Sprengeri, 2½ inch pots.....	2.00 "
3 inch pots.....	5.00 "
4 inch pots.....	8.00 "

The Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 2-in. pots, $5.00 per 100; 4-in. fine plants ready for shift, $12.00 per 100. Seed, new crop, 50c per 100. Cash. Robert Mann, 1233 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus seed fresh from our own vines. 100 seeds 85c, 500 seeds $4.00, 1,000 for $7.00 at $7.00 per 1,000. 10,000 seeds $60.00, 15,000 seeds $86.00. Cash with order.
L. Ulrich, Tiffin, Ohio.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $2.50 per 100; $20.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $6.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in. $2.00 per 100, $25.00 per 1,000; 3-in. $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 2-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

A. Sprengeri, strong plants, 2½-in. $3.00, 3-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

Asparagus Plumosus Nanus seed, $9 per 1,000, $1 per 100. P. J. Berckmans, Fruitland, Ga.

Sprengeri, 3-in., $1.50 per 100; 2½-in., $2.00 per 100. M. J. Coventry, Ft. Scott, Kans.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. H. Rawlings, Quakertown, Pa.

A few thousand A. Sprengeri, ready for 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azaleas, always in bloom, 60c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap. $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please.
A. SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $6.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Stock in excellent shape, well set with buds. 10 to 12 inch crowns, $35.00 per 100; 12 to 14 inch crowns, $45.00 per 100. The Storrs & Harrison Co., Painesville, O.

Azaleas, 12-in. heads, best varieties, $4.00 per doz. Good & Reese Co., Springfield, Ohio.

BEDDING PLANTS.

Echeveria californica, very choice, $3.00 per 100. Sempervivum (hen and chickens), $2.25 per 100. Mrs. M. E. Patterson, Glendale, Cal.

If you read these advs. others would read yours.

BEGONIAS.

Gloire de Lorraine, $15.00 per 100. Light pink Lorraine (Lonsdale's variety), $25.00 per 100. They are sure to be in great demand; let us book your order and ship for June delivery. N. Smith & Son, Adrian, Mich.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

Begonias, 2½-in. assorted, $3.00 per 100.
S. D. Brant, Clay Center, Kan.

BERRIED PLANTS.

Ardisia crenulata. Fine plants from 2-in. pots, ready to shift; strong and well-rooted. Prime stock to grow on, 5c. Cash, please. R. G. Hanford, Norwalk, Conn.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BULBS.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Fancy caladium seedlings from crossing finest named sorts. Mixed; infinite variety, charming novelties; no poor ones. Size 1 to 4 inches across (3 to 12 circ). Delivered free (express prepaid) to any part of U. S. for $6.00 per 100; $55.00 per 1000. Cash with order. T. L. Mead, Oviedo, Fla.

Caladiums, gladioli and all varieties of choice tuberous bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. D. Carter & Son, Wallace, N. C.

Choice strain tuberous begonias, single, separate colors, large bulbs, 40c per doz.; $2.50 per 100. Dbl. begonias, 75c per doz.; $5.00 per 100. Caladiums, fancy-leaved, finest names, 60c per doz.; $1.00 per 100. Send for new list. H. H. Berger & Co., 47 Barclay St., New York.

Bessera elegans, Mexico coral drops, $1.00 per 100; $9.00 per 1000. Tigridias, in splendid mixture, $1.00 per 100; $9.00 per 1000. Amaryllis formosissima, monster size, $3.00 per 100; 60c per doz. All orders sent parcels post paid. J. A. McDowell, City of Mexico.

Tuberoses—Elegant dwarf pearl tuberose bulbs, No. 1, 4 to 6 inches, $3.00 per 1,000; No. 2, 3 to 4½ inches, $1.50 per 1,000, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references. A. W. Boney, Wallace, N. C.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Caladium esculentum, list size, 6 to 9 in. in circ., $2.00 per 100; 9 and size, 9 to 12 in. circ., $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Some fine kinds of fancy leaved caladiume, small and medium sized bulbs, at less than real value. Kinds unexcelled. Address F. J. Ulbricht, Anniston, Ala.

Tuberoses, tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla lilies, blooming bulbs, 75c per doz.; $6.00 per 100. Tuberoses, first-class bulbs, 75c per 100; $6.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Madeira vines, 10,000 at $5.00 and $10.00 per 1,000. Oxalis, 75c per 1,000. Betscher Bros., Canal Dover, Ohio.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Port Royal, S. C.

Sea onion pips, 25c per 100: $1.75 per 1000. Mrs. M. E. Patterson, Glendale, Cal.

CACTI.

A good variety of home-grown cacti; healthy and good store sellers, 60c per doz., $5.00 per 100, $40.00 per 1,000. Cash with order. C. Schulze & Son, 25 Kalmia St., Flushing, N. Y.

A great variety of plants, true to name, $2.00 to $3.00 per doz.; small, $1.00 per doz. Epiphyllums, rhipsalis and flagelliformis, 50c per doz. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia japonica, 20 inches high; assorted colors, 60c each; $5.00 per doz. Good & Reese Co., Springfield, Ohio.

CANNAS.

Chas. Henderson, Ex. Crampbel, A. Bouvier, Chicago, Papa, Pres. Cleveland, Pres. McKinley, Paul Marquant, Tarrytown, Pa. Vaughan, Yellow Crozy, S. A. Crozy, Herbert's Premier, Duke of Marlborough, Egandale, Brilliant, Austria, Burbank and others, dry roots, $2.00 per 100; $15.00 per 1,000; potted plants, $4.00 per 100. Seed of the above var., mixed, $1.00 per lb. Cash with order. C. G. Nauz, Owensboro, Ky.

Allemania, Aurora, Alsace, A. Bouvier, Chas. Henderson, Mme. Crozy, Pres. Cleveland, Pres. McKinley, and Florence Vaughan at $2.00 per 100. Burbank, Paul Marquant, Egandale, Victor Hugo, Robusta and Grand Rouge at $2.50 per 100. Wm. Schlatter & Son, Springfield, Mass.

Our list of cannas has been revised and increased. We offer a choice selection. Write at once. W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas, started plants from strong bulbs, 4-in., $2.50 per 100. Seedling cannas, 4 varieties, $1.00 per 100. Morris Floral Co., Morris, Ill.

Austria cannas, growing roots from outdoors, 75c per 100; $5.00 per 1,000. These are fine for early sales. C. S. Tait, Brunswick, Ga.

Cannas, 50,000 dormant and started from sand; 60 best sorts; get our prices. Betscher Bros., Canal Dover, Ohio.

Cannas all the leading varieties well established in pots, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Cannas. Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

Our collection of novelties and standard varieties is complete. N. Smith & Son, Adrian, Mich.

CAREX.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at the following prices:

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	2.00	20.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	16.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	2.00	25.00
America	3.00	26.00
Olympia	6.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 25 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1,000.

Ethel Crocker, $2.00 per 100. McGowan Sport, $1.50 per 100; $10.00 per 1,000.

CHAS. BLACK, Hightstown, N. J.

Rooted Carnation Cuttings.	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
The Marquis	6.00	50.00
Estelle	7.00	50.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
Olympia	5.00	40.00
G. H. Crane	3.00	25.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	3.00	25.00
America	3.00	25.00
Chicago	3.00	25.00
Mabel	3.00	25.00
Elsie Ferguson	3.00	25.00
Gold Nugget	3.00	25.00
Pingree	3.00	25.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	2.00	15.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Leslie Paul	2.00	15.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Dawn	2.00	15.00
Eldorado	2.00	17.00
Melba	2.00	17.00
Victor	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Metcor	1.50	12.50
Armazindy	1.50	12.50
Iris Miller	1.50	12.50
Sandusky	1.25	10.00
William Scott	1.25	10.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice rooted cuttings, first-class in every respect, true to name; 3% at 100 rates, 250 at 1,000 rates. Write for catalogue and complete list of carnations and roses, rooted cuttings and in pots. Do you receive our weekly price list? If not, write us; we will place your name on our mailing list.

LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Olympia, variegated	6.00	40.00
Marquis, pink	5.00	40.00
Genevieve Lord, pink	5.00	40.00
Ethel Crocker, pink	5.00	35.00
Morning Glory, light pink	4.00	35.00
Mrs. Geo. M. Bradt, variegated	3.00	25.00
G. H. Crane, scarlet	3.00	25.00
Chicago, scarlet	3.00	25.00
Gold Nugget, yellow	3.00	25.00
Gen. Maceo, crimson	2.00	15.00
Gen. Gomez, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost, pink	2.00	15.00
Mrs. Jas. Dean, pink	2.00	15.00
John Young, white	1.50	12.00
Flora Hill, white	1.50	12.00
Argyle, cerise pink	1.50	12.00
Daybreak, light pink	1.50	12.00
William Scott, pink	1.00	8.00
Armazindy, variegated	1.00	8.00
Mrs. A. Ine, white	1.00	7.00
Guardian Angel	6.00	50.00
Peru	4.00	35.00
Triumph	1.50	12.50
Cerise Queen	1.50	12.50
Edna Craig	1.50	12.50
Evanston	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Evelina	1.00	8.00
L. McGowan	1.00	7.50

Rooted cuttings now ready.
Our introductions for 1901:

	Doz.	100.	1,000.
Sunbeam	$1.50	$10.00	$75.00
Bon Homme Richard	1.50	10.00	75.00
Nydia	1.50	10.00	75.00
Prolifica	1.50	10.00	75.00

First lot of the above four varieties ready now.

CHICAGO CARNATION CO., JOLIET, ILL.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$6.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.00
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

ROOTED CARNATION CUTTINGS—Strong and healthy.

	100	1000
Marquis	$4.00	$35.00
Crane	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.50
Genesee	1.50	12.50
Daybreak	1.50	12.50

250 at 1000 rate. Cash with order.

W. C. STROH, Attica, N. Y.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health are every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	6.00	50.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Mrs. Geo. M. Bradt	2.50	20.00
Chicago (Red Bradt)	3.00	25.00
Gen. Gomez	2.00	15.00
Gen. Maceo	2.00	15.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 61 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. Five cuttings at 100 rate.

	Per 100.
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeRoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dilion, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1900	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	2.00
Mrs. G. M. Bradt, variegated	2.00
Peru, white, 1900	2.50
Gen. Gomez, red	1.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS—Healthy stock, well rooted.

	100.	1000
Mrs. Lawson	$7.00	$60.00
Olympia	6.00	40.00
Marquis	5.00	40.00
Genevieve Lord	5.00	40.00
Ethel Crocker	4.00	35.00
Crane	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Gen. Maceo	2.00	25.00
Frances Joost	2.00	15.00
White Cloud	2.00	
Daybreak	1.50	12.00
Victor	1.50	12.00
New York	1.50	12.00
Scott	1.00	8.00
McGowan	1.00	8.00

Salvia Silverspot, $1.00 per doz.; 2½-in. pots, $5.00 per 100. Vincas variegated, from soil, ready for 2½-in. pots, $3.00 per 100. Fancy-leaved caladiums, best 10 varieties to name, $10.00 per 100. Cash with order, please. A. Nelson, P. O. Box 1450, Paterson, N. J.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties

Guardian Angel,	Gen. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo. M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan.

See our display adv. on another page.

THE HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., Chicago.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	6.00	50.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	3.00	25.00
Peru	2.50	20.00
Crane	2.00	15.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	8.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Edna Craig	1.00	9.00
Gov. Griggs	1.00	8.00
Melba	1.00	8.00
Daybreak	1.25	10.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Lawson	$5.00	$45.00
Crocker	3.00	25.00
Lord	3.00	25.00
Peru	2.50	20.00
America	2.50	20.00
Bradt	2.50	20.00
Fingerd	2.50	20.00
White Cloud	1.50	12.00
Glacier	1.50	12.00
Macon	1.50	12.00
Mary Wood	1.50	12.00
Daybreak	1.25	10.00
Flora Hill	1.25	10.00
Joost	1.25	10.00
Triumph	1.25	10.00
Scott	1.00	8.00
Albertini	1.00	8.00

10 per cent off for cuttings of above varieties, except Lawson, put in sand after order received. Add ¼ to above prices for 2-in. pot plants. $50 at 1,000 rate. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Fortune	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100, $90.00 per 1,000. Mermaid, $15.00 per 100; $50.00 per 1,000. Roosevelt, $12.00 per 100; $100.00 per 1,000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1,000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1,000; Lawson, $7.00 per 100, $60.00 per 1,000; G. Lord, $6.00 per 100, $50.00 per 1,000. Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1,000.

We make a specialty of rooted cuttings.

F. DORNER & SONS CO., LaFayette, Ind.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100	1,000
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	25.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.00	10.00
New York	1.00	10.00
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00
Melba	1.50	12.00

EVENDEN BROS., Williamsport, Pa.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Carnations. All well rooted.

	100.	1,000.
White Cloud	$ 3.00	$25.00
Flora Hill	1.00	25.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	3.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	2.00	15.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Lord	2.00	15.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 35th St. and Senate Ave., INDIANAPOLIS, Ind.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	100	1000
William Scott	$1.50	$12.00
Flora Hill	1.50	12.00
Merriman	1.50	12.00
Daybreak	1.50	12.00
Outcast	1.50	12.00
New York	1.50	12.00
Sandusky	2.00	15.00
Frances Joost	2.00	15.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 43, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Attleboro, Mass.

ROOTED CARNATION CUTTINGS — From sand or soil.

	100	1000
Ethel Crocker	$3.00	$25.00
White Cloud	1.75	15.00
Flora Hill	1.75	15.00
Triumph	1.75	15.00
Mrs. James Dean	1.00	9.00
Mayor Pingree	1.00	8.00
Wm. Scott	1.00	8.00

A few thousand of the above varieties from 2½-inch pots; write for prices. Cash. C. Akehurst & Son, White Marsh, Md.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Whittaker, Lizzie McGowan, Eldorado, Silver Cloud, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock All cuttings shipped direct from greenhouses.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

Carnations. Extra strong rooted cuttings.

	Per 100.		Per 100.
Lawson	$5.50	Hill	$1.00
Crane	2.75	Scott	1.00
Bradt	2.50	Eldorado	1.00
Jubilee	1.50	Wellsville	1.00

Cash with order.

HY. ERNST & SON, Washington, Mo.

Ethel Crocker, 2¼-in. pots or from sand. Al stock in every way. $3.00 per 100, $25.00 per 1000. 500 for $10.00, 1,000 for $20.00 for quick cash sale to make room. Also Mrs. J. Dean at $2.00 per 100; $15.00 per 1,000. Hesslon, Flatbush, Brooklyn, N. Y.

Carnations, strong rooted cuttings. Servia, a fine white, long stem, vigorous grower, free bloomer, $1.25 per 100, $10.00 per 1,000; G. H. Crane, $2.50 per 100; Tidal Wave and Scott, $1.00 per 100. C. Thompson Adams, West Medway, Mass.

Norway, the queen of white carnations; stock for February delivery all sold. Place your order now for March delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. H. Weber & Sons, Oakland, Md.

Rooted cuttings of the grand new carnation GUARDIAN ANGEL. It is a money-maker. Note our low price of $4.00 per 100; $35.00 per 1,000. Send for list of other varieties. Holton & Hunkel Co., Milwaukee, Wis.

Carnations. Per 100,

Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.

CHAS. WIFFIN, Des Plaines, Ill.

ROOTED CARNATION CUTTINGS.

	Per 100, Per 1,000.
Ethel Crocker	$4.00 $30.00
America	3.00 20.00
White Cloud	2.00 15.00
Flora Hill	1.50 12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 601 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.

GOETHE—Fancy light pink, best seller, stock in splendid shape.

Come and see them. $10 per 100, $90 per 1,000; $20 of one kind at 1,000 rate.

C. BESELD, Mineola, L. I., N. Y.

ROOTED CUTTINGS—Scott, Daybreak, Victor, Flora Hill, White Cloud, Melba and Rosemont, per 100, $1.50; per 1000, $12.50. Joost, per 100, $2.00; per 1000, $15.00. Marquis, Crocker, per 100, $4.00; from pots, $5.00. Cash, please. John J. Connelly, Bryn Mawr, Pa.

ROOTED CARNATION CUTTINGS.

	100.	1,000.
Flora Hill	$1.00	$8.00
Daybreak	1.00	8.00
Wm. Scott	.90	7.00
Genesee	.75	5.00

E. B. LEWIS, Lockport, N. Y.

The Lawson. My stock is in fine condition, clean and vigorous. Rooted cuttings ready now, or for later delivery at $7.00 per 100; $60.00 per 1,000. Terms strictly cash from unknown parties. No agents; send all orders direct to Peter Fisher, Ellis, Mass.

Marquis, Crocker, $5.00 per 100; $40.00 per 1,000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Samples free. Stock guaranteed. Linlon Street Greenhouse Co., Geneva, N. Y.

ROOTED CARNATION CUTTINGS ready April 1. Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, Scott and G. H. Crane, $2.50 per 100. L. L. MAY & CO., St. Paul, Minn.

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The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now; $1.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

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THE LAWSON CARNATION—Cuttings now ready; $6.00 per 100; $50.00 per 1000. Cash with order. Potter & Cousins, West Boylston, Mass.

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MARQUIS CARNATIONS—I have a fine lot of cuttings, from soil, at $4.00 per 100. J. Bronner, 301 Beecher St., Syracuse, N. Y.

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Bradt, Crocker, Joost and McGowan. 2-in. pots and rooted cuttings. Geo. A. Kuhl, Pekin, Ill.

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Catalogue of all the new carnations free upon application. N. Smith & Son, Adrian, Mich.

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Chrysanthemums, strong rooted cuttings, ready April 1. Early sorts—Bergmann, Rose Owen, Yellow Monarch, $1.50 per 100. Mid-season sorts—Mrs. H. Robinson, Mrs. Murdock, $1.50 per 100, Mrs. W. H. Weeks, Australian Gold, $1.00 per 100. For Thanksgiving trade—Golden Wedding, Philadelphia, Mrs. J. Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100. For Christmas—H. W. Rieman, The Harriott, Yanoma, $2.00 per 100. L. L. May & Co., St. Paul, Minn.

New chrysanthemum, Goldsmith. Cream yellow tinted with bronze, sport from Pres. W. R. Smith, fine large flowers, strong stem. Your collection of chrysanthemums cannot be complete without this new candidate. There is without doubt a commercial future before this sort. Exhibited at Cincinnati November 17 it scored 83 points. Price $2 per doz. Orders taken now and filled in March. H. L. Ragan, P. O. Box 166, Springfield, Ohio.

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For chrysanthemum rooted cuttings or plants from pots see February issues this paper or address Gunnar Teilmann, Marion, Ind.

Chrysanthemums. Catalogue free on application. N. Smith & Son, Adrian, Mich.

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Cineraria nana grandifl. gig., 2¼-in., $2.50 per 100. Will make fine plants for Easter. Shellroad Greenhouse Co., Grange, Baltimore, Md.

Cineraria, 2¼-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

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No. 1, 3 years	$ 7.50	$ 75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

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Red, white and pink in 3-in. Write. Geo. A. Kuhl, Pekin, Ill.

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6,000 hardy pink, rooted cuttings from cold-frame; best sorts Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

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High-branched, or low-branched,
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Straight, or not so straight,
Large or small
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2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

Arbor-vitae, large fine plants, 3 to 4 ft., well shaped, 35c each, $4.00 per doz. Irish junipers, fine stock, 3 to 4 ft., 35c each, $4.00 per doz.; 4 to 6 ft., 50c each, $5.00 per doz. Nanz & Neuner, Louisville, Ky.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

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Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Rooted cuttings, 14 varieties, $1.00 per 100; $8.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

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Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

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Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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Hibiscus, strong thrifty plants ready for shift. Double pink and double red, 2½-in., $1.00 per 100. Nanz & Neuner, Louisville, Ky.

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A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

IVIES

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00. Greene & Underhill, Watertown, N. Y.

LANTANAS.

Lantanas, 4 vars., R. C., $1.25 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

MOONVINE.

Moon vines, 2½-in., $3.00 per 100. Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, tall, also dwarf, mixed, 2-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges, $3.00 per 100; $25.00 per 1,000. Ponderosa Lemons, bears fruit 2 pounds and up; an ideal pot plant; blooms and fruits when quite small, $1.00 per doz., $7.00 per 100, $60.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$4.00	$38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

KENTIA BELMOREANA.
2½-inch pots........$8.00 per 100; $75.00 per 1,000
3-inch pots, 4 and 5 leaves........$15.00 per 100
4-inch pots, 14 to 16 inches high.. 30.00 "
5-inch pots, 18 inches high....... 60.00 "
5 and 6 in. pots, 18 to 22 in. high.. 75.00 "
ARECA LUTESCENS.
2½-inch pots.........$6.00 per 100; $50.00 per 1,000
KENTIA FORSTERIANA.
2½-inch pots ....$10.00 per 100
3-inch pots, 12 inches high......... 15.00 "
4-inch pots, 15 to 18 inches high.... 35.00 "
5-inch pots, 18 to 22 inches high.... 50.00 "
5 and 6 in. pots, 24 to 28 in. high... 75.00 "
The Storrs & Harrison Co., Painesville, O.

Palms for decorating and for immediate retailing.

ARECA LUTESCENS.

	Inch pots.	Inches high.	12.	100.
4 plants	5	18-20	$ 5.00	$40.00
3 plants	6	20	9.00	75.00
3 plants	6	24	12.00	100.00
3 plants	8	36	36.00	

KENTIA BELMOREANA.

	Inch pots.	Inches high.	Each.	12.
6 leaves	6	24	$1.25	$15.00
6-7 leaves	6	28	1.50	18.00

KENTIA FORSTERIANA.

	Inch pots.	Inches high.	Each.	12.
6-6 leaves	6	24-28	$ 1.00	$12.00
6 leaves	6	28-30	1.25	15.00
6 leaves	6	30-36	1.50	18.00
6-7 leaves	7	30-36	2.00	24.00
6-7 leaves	7	36-42	2.50	30.00
7 leaves	9	60	7.50	
6-7 leaves	12	72	10.00	
6-7 leaves	12	84-96	12.50	
6-7 leaves	12	84-96 h'vy	15.00	
6-7 leaves	12	96-108 h'vy	25.00	

LATANIA BORBONICA.

	Inch pots.	Inches high.	12.	100.
6-6 leaves	6	15-18	$6.00	$50.00
5-6 leaves	6	18-20	9.00	75.00

PHOENIX CANARIENSIS.

7-inch pots, 30 inches high .... $1.50 each
8-inch pots, 36 inches high .... 2.50 each
9-inch pots, 42 inches high .... 3.00 each
10-inch pots, 48 inches high .... 4.00 each

HENRY A. DREER,
714 Chestnut St., Philadelphia, Pa.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, 2 to 2½ ft. in h't and dia., 8 and 9 lvs., $12.00; 8-in. pots, 1 plant to pot, 2½ to 3-ft. in h't and dia., 9 to 10 lvs, $15.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $24.00.

KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.

ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.

FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.

J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Jos. Heacock, Wyncote, Pa., grower of palms. Write for price list.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Seedling Seaforthia robusta, $3.00 per 100.
F. R. Hills, Maywood, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Giant mixed of Bugnot, Cassier, Odier and Trimardeau strains. We are positive of having the finest pansies in the United States this year. Price, extra fine stocky plants, 60c per 100; $2.75 per 1,000. Extra large plants in bud and bloom, $1 per 100; $8 per 1,000. White potato onion sets, a grand novelty, $1 per peck, $3.50 per bushel. Cash with order. Hy. Ernst & Son, Washington, Mo.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansy plants, from cold frames, small, $5.00 per 1,000; pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

PELARGONIUMS.

Pelargoniums Lord Napier, Queen Victoria, Splendor, Mabel, Infant Prodigy, Gen. Taylor and others, 3-in. pots ready for 4 and 5-in., $5.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PETUNIAS.

Petunias, dbl. fringed, 2½-in., ready for 4-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

Petunias, choice double, mixed, 4-in., $ [illegible] per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

If you read these advs. others would read yours.

PRIVET.

5,000 1 to 2 ft. California Privet, $10 per 1,000, F. O. B. Jacksonville or $12.50 per 1,000 delivered in New York city. 1,000 three-year-old (several times cut back), very strong, stocky, 18-inch plants, $5 per 100; $40 per 1,000 F. O. B. Jacksonville. 200 2 to 4 ft. dbl. white althaea, $5 per 100 F. O. B. Jacksonville. Mills the Florist, Jacksonville, Fla.

California Privet, 1 year, $9.50 per 1,000. California Privet, 2 year, $19.00 per 1,000. Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

ROOTED CUTTINGS.

ROOTED CUTTINGS.

Let us send you a sample order to show you what good stock is, then you will want more.

Thos. W. Lawson, $6.00 per 100; $50.00 per 1,000.

Mammoth Verbenas, they are the best to be had, 60c per 100; $5.00 per 1,000; 5,000, $22.00.

Abutilon Savitzii, dozen, 20c; 100, $2.00.

Salvias, two new ones, Hobold and Yellow Bird, dozen, 20c; 100, $1.00; 1,000, $9.00.

Ageratum P. Pauline, dozen, 20c; 100, $1.00.

Impatiens Sultani, dozen, 25c; 100, $1.50.

Achyranthes, dozen, 15c; 100, $1.00.

Alternanthera, red and yellow, fine large plants from flats, dozen, 20c; 100, $1.00; 1,000, $9.00.

Smilax, from flats, per 100, 50c; 1,000, $4.00.

Lettuce Plants. Grand Rapids, best variety on earth, per 100, 25c; per 1,000, $2.00.

Heliotrope, three new ones that are fine purple and white, per dozen, 20c; per 100, $1.00; per 1,000, $9.00.

We prepay express charges and guarantee to please you. Try us once.

Send for price list. We can do you good.
S. T. Danley, Macomb, Ill.

ROOTED CUTTINGS BY MAIL.

	Per 100.
Ageratums	$0.50
Fuchsias	1.00
Kenilworth Ivy	1.25
Lantanas	1.10
Salvia Splendens	1.00
Pileas	1.25

Cash with order.
Wm. H. Conner, 611-613 French St., Wilmington Del.

ROSES.

Strong plants from 2½-in. pots in the following varieties:

Archduke Charles	Maman Cochet
Agrippina	Mrs. Degraw
Bride	Meteor
Bridesmaid	Media
Baldwin	Marie Van Houtte
Bon Silene	Mme. Margottin
Clara Watson	Malmaison
C. Soupert	Papa Gontier
Christine de Noue	Pink Soupert
Catherine Mermet	Perle
Climbing Wootton	President Carnot
" Meteor	Princess Venosa
" Kaiserin	Queen's Scarlet
" Perle	Safrano
" Malmaison	Snowflake
Dr. Grill	La France
Devoniensis	La Princess Vera
Duchess de Brabant	La Pactole
Duchess of Albany	Mosella
Ernest Metz	Marechal Niel
Etoile de Lyon	Maid of Honor
Enchantress	Mme. Abel Chatenay
Folkestone	Mrs. Robt. Garrett
Golden Gate	Mme. Cecile Berthod
Gus. Tripelitz	Souvenir de Wootton
Geo. Bancroft	Striped La France
Henry M. Stanley	Sylph
Kaiserin	Tri. de Pernet Pere
Mme. Camille	Victor Hugo
Marie Guillot	White Maman Cochet
Mme. Watteville	" Marechal Niel
Mme. Welche	" La France
Mme. Jos. Schwartz	

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.
R. H. MURPHEY & SON, Urbana, Ohio.

Our stock of [illegible] in 4-inch pots, is more extensive [illegible] we have ever before offered our [illegible]. All leading popular varieties [illegible].

From open ground, we call [illegible] attention to our heavy blocks of Gen. Ja[illegible] strong, own roots; also such [illegible] as Yellow Rambler, Steigera, D[illegible], [illegible] ing Hermosa, Greville, Wichuraia[illegible].

The new climber, Wm. C. Egan, [illegible] plied in strong one or two-year-old [illegible] at reasonable rates. It is the best of M[illegible] son's fine hybrids, and is in fact a climbing Malmaison, of the same form and [illegible] undeniably hardy.

To clear leased land, we offer shrubbery in elegant assortment, at low rates by the thousand. Hoopes Bro. & Thomas, Maple Ave. Nurseries, West Chester, Pa.

ROOTED ROSE CUTTINGS	100.	1,000
Brides	$1 50	$12 50
Bridesmaids	1.50	12 50
Meteors	1.50	12 50
Perles	1.50	12 50
Golden Gate	1.50	12 50
Lady Dorothea	1 50	12 50
Kaiserin	1 50	12 50
Maman Cochet	1 50	12 50
American Beauty	3.00	25 00

First class in every respect 25 at 100 rate. 250 at 1,000 rate.
LAKEVIEW ROSE GARDENS.
Jamestown, N. Y

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12 50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½ in. pots. Liberty, $12 00 per 100, $100.00 per 1,000; Golden Gate, $3 00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG, 51 Wabash Ave., CHICAGO.

ROSES FOR SPRING PLANTING. Strong field-grown.

	Per 100.
American Beauty, select	$25.00
American Beauty	20.00
La France, select, fine	25.00
La France	20.00

Cash or satisfactory references.
ALEX. WALDBART, Hamilton Ave. and Horton Pl., St. Louis, Mo.

All the leading varieties—Teas, Hybrid Teas and Climbers from 2½-in. pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-in. pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c. Good & Reese Co., Springfield, Ohio.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

KAISERIN AUGUSTA VICTORIA. Both climbing and bush Kaiserin cheap.
4-in. pots, 2 to 3 ft., $10 per 100.
2-in. pots, $3 per 100.
ELIZABETH NURSERY CO., Elizabeth, N. J.

Strong, well established plants of Bride, Bridesmaid and Golden Gate, from 2½-in. pots, $3.00 per 100. Ready May 1. Place your order now and choice stock will be reserved for you. L. L. May & Co., St. Paul, Minn.

100,000 Kentucky-grown roses in 2½-in. pots; 75 leading varieties. See our 1901 catalogue for description of our new rose Winnie Davis. Nanz & Neuner, Louisville, Ky.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

Field-grown American Beauties, 3 years old $15 per 100; $125 per 1000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Roses in 2 and 2½-in. We grow all the leading varieties and our stock is fine. Write us. Geo. A. Kuhl, Pekin, Ill.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Davis Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids, and Meteors. $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

Golden Gate, strong 2-in., $3.00 per 100. Perle, 2-in., $2.50 per 100. J. M. Smely, Aurora, Ill.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1000. Jerome Harley, Media, Pa.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2¼-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa. Fine for hanging baskets, vases or pot plants; strong, $3.00 per 100; 10 by mail 30c. Mayer & Sons, Willow Street, Lancaster Co., Pa.

SEEDS.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting: they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut-flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts.; per lb. 60cts.; 5 lbs. or more at 55 cts. per lb.
W. ATLEE BURPEE & CO., 475-477 N. 5th St., PHILADELPHIA, PA.

Seeds of the genuine three-colored fruit-bearing SOLANUM CAPSICASTRUM ANNUUM specially selected from a few of our best plants. Per 100 seeds, 50c. Anton Schultheis, College Point, L. I., N. Y.

All Seasonable Seeds of Standard Quality at pleasing prices.
Write for "1901 Florists' Wholesale Catalog."
Plant Seed Company, St. Louis, Mo.

Cocos Weddeliana, fresh seeds at $7.00 per 1,000. Write for wholesale price list of high-class flower seeds, etc., for florists. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Complete line of all new crop flower seeds in store. If you have not received our "Florists' Wholesale List," write for it. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Canna seed of all the leading varieties, mixed, $1.00 per pound. Cash with order. C. G. Nanz, Owensboro, Ky.

A. plumosus nanus seed fresh from the vines, 100, $1.00; 1,000, $9.00. B. H. Ritter, Port Royal, S. C.

CABBAGE and CAULIFLOWER Seed, FRANCIS BRILL, Specialist, Hempstead, L. I., N. Y.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

SHAMROCK.

Something new. True Shamrock (Oxalis acetosella), from cemetery of Down Patrick in Ireland. Plants from 2¼-in. pots, ready now, $4.00 per 100, $35.00 per 1,000, 250 at 1,000 rate. Cash with order. Order early, as stock is limited. J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

String your smilax with Meyer Green Silkaline. Send for samples and prices. John C. Meyer & Co. Mfrs. and Wholesalers, 87 Summer St., Boston, Mass.

Smilax, 2½-in., $2.00 per 100; $17.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax, from flats, 50 cts. per 100. M. J. Coventry, Ft. Scott, Kan.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

STEVIA.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba, 2½-in. pots, $2.00 per 100. Jerome Harley, Media, Pa.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Add 10c per 100 to above prices if by mail. Brussels Sprouts, 25c per 100. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty 3 in., $2.00 per 100. Lorillard 2½ in., $2.00 per 100; transplanted plants, 50c per 100. Lettuce—Silver ball, 15c per 100; $1.25 per 1,000. Cabbage plants—Jersey Wakefield ready March 1. Write for prices on large orders. Mrs. Griswold, Worthington, Ohio.

Fine plants for transplanting. Cabbage—Early Spring, All Head Early, Charleston, and Winningstadt. Tomato—Early Aristocrat and Champion, 25c per 100; $1.25 per 1000 by express. If by mail, add 15c per 100. W. D. Chase & Son, New London, Ohio.

2,000 Mayflower tomato plants, 2½-inch pots, cash price $1.50 per 100. A. B. Campbell, Cochranville, Pa.

VERBENAS.

We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest, selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

Verbenas, 40 best mammoth var., 60c per 100; $5.00 per 1000 Verbena plants, strong, full of cuttings, $2.00 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100, $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 25 grand varieties, strong healthy plants, 2 and 2½-in., $1.50 per 100; $12.50 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, Mammoth strain, separate colors. Rooted cuttings, 60c per 100, $5.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Verbenas, Rooted cuttings, 35 varieties, 60c per 100; $5.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Verbenas, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Verbenas, 10 choice colors, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Lemon verbenas, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vincas Major and minor, strong field-grown plants, $1.00 per 100, $7.50 per 1000. Major put in 4-in. pots now will be fine for spring. James M. Lamb, Fayetteville, N. C.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca, green trailing, 2¼-in. $1.50, 6-in. $17.00, variegated, 6-in. $20.00 per 100. Morris Floral Co., Morris, Ill.

Vinca, Harrison vine, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

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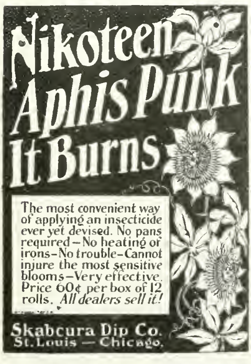

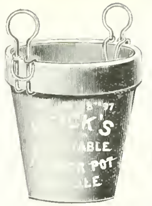

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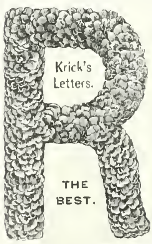

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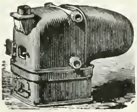

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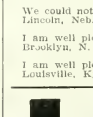

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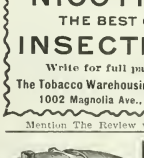

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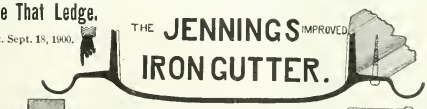

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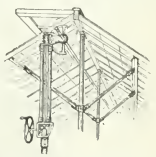

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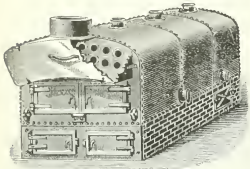

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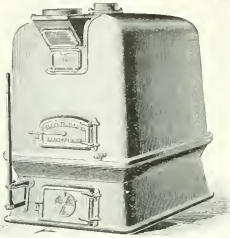

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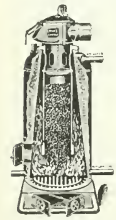

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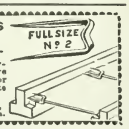

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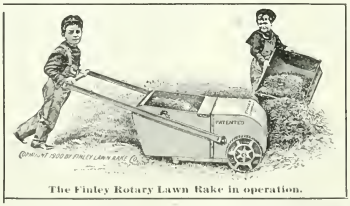

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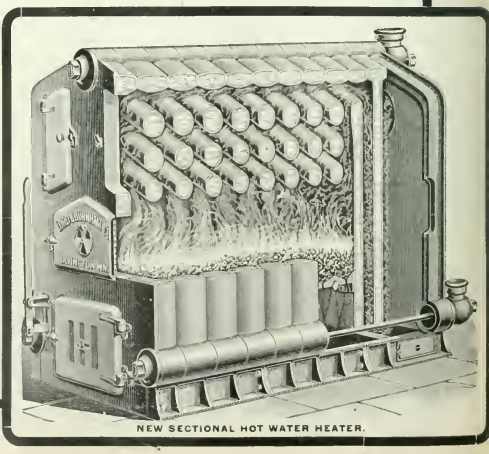

NEW SECTIONAL HOT WATER HEATER.

THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MARCH 7, 1901. No. 171.

CARNATIONS FOR PROFIT.

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E. Crocker, the best 1900 novelty for commercial growers,	-	4.00	"	35.00	"
Olympia, - - -	$5.00 per 100.	America, - -	2.50	"	20.00	"
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Mrs. G. M. Bradt, $3.00 per 100; $25.00 per 1000.		Flora Hill,	1.50	"	12.00	"

Our stock is in fine healthy condition and these cuttings are strong and healthy. CASH WITH ORDER PLEASE.

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THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
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WHOLESALE COMMISSION FLORIST....
ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

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Open Day and Night. Give Us a Trial. We Can Please You.

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TUBEROSES ready for delivery now.
Dwarf Pearl, large bulbs.....per 100, **$1.00**; per 1000, **$7.00.**
Tall Double, fine plump bulbs..... " **1.00**; " **7.00.**

CANNAS. Our list has been revised and increased. We offer an exceptionally choice selection.

GLADIOLUS. Standard named varieties: colors separate and mixtures in various grades.

FERN BALLS. Start them now for Easter sales. We have a fine stock. TRY A DOZEN.

Tuberous-rooted Begonias, Caladium Esculentum, Dahlias, Gloxinias, etc.

Complete line of all New Crop Flower Seeds in store.
If you have not received our FLORISTS' WHOLESALE LIST write for it.

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"It is so easy to find what you want."

Hoosier Maid. The Great Winter Bloomer.
Large white, does not get weak necked, sleepy, nor split in mid-winter. **$8.00** per 100. **$2.00** for 25. Prepaid. Cash with order.
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Fresh Seeds Now on Hand.

Asparagus Sprengeri,	$3.00 per 1000
Asparagus Plumosus Nanus	5.00 "
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Wholesale price list of High Class Flower Seeds, etc., for florists, free on application.

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(Late of 15 John St.)
36 CORTLANDT STREET, NEW YORK.

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These new Begonias are sure to be in great demand. LET US BOOK YOUR ORDER NOW FOR JUNE DELIVERY.

Gloire de Lorraine, $15.00 per 100.
Light Pink Lorraine (Lonsdale's variety), $25.00 per 100.
Are also booking orders for New Chrysanthemums, Carnations, Cannas and Geraniums.
CATALOGUE FREE.

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USE Up-to-date FLORISTS' SUPPLIES.

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918 Filbert Street, PHILADELPHIA, PA.
Catalogue for the asking.

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Rooted Cuttings, 60c per 100; $5.00 per 1000.
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Clark Brothers,

Manufacturers of
PAPER SEED BAGS

of every description, except Lithographic Bags.
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REPORT OF THE JUDGES

APPOINTED BY THE PHILADELPHIA FLORISTS' CLUB TO JUDGE OUR

GRAND NEW ROSE

QUEEN OF EDGELY

PINK AMERICAN BEAUTY.

"We are convinced that this variety is a valuable addition to the list of forcing roses, being in every respect, except color, the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good, even in the full flowers. The fragrance is also as fine as that of Beauty, and the exhibited blooms showed remarkable vigor."

(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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E. G. HILL & CO., Western Agents, RICHMOND, INDIANA.

The Floral Exchange, INC.
335 N. 6th St., PHILADELPHIA, PA.

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NOTHING BUT THE VERY BEST HANDLED.

GLADIOLUS XXX, the finest mixture in the market for florists, $12.00 per 1000; $1.50 per 150.
TUBEROSES, extra fine dwarf Pearl, barrels containing 800 and 900 each, $3.00 and $7.00.
CALADIUM ESCULENTUM, extra fine, 9 x 12 inch circ., $7.50 per 100. Good size, 6 x 9 inch circ., $3.00 per 100.
TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs $1.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
LILACS, in 4 varieties, $15.00 per 100. **AZALEA MOLLIS,** fine, $15 per 100. **AZALEA PONTICA,** $15.00 per 100. **RHODODENDRONS,** fine, $15.00 per 100 up. **PAEONIA SINENSIS,** $10.00 per 100. These are the finest named varieties in existence.
H. P. ROSES, extra fine, $10.00 per 100.
CRIMSON RAMBLERS, very strong, $30.00 per 100.
Prices on all other stock for Spring and Fall delivery cheerfully given by

F. W. O. SCHMITZ, - Jersey City, N. J.

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Jap. Fern Balls
One of best **Easter Sellers.** Start them now. We offer 7 8-inch each, 40c; dozen, $3.50; 100, $27.00. Monster, 9 11-in. each, 65c; dozen, $6.50. **Beautiful Fern Wreaths,** 12-in., each, 40c; doz., $3; 100, $20. 10-in., each, 40c; doz., $4; 100, $35.

EXTRA Choice strain Tub. Begonias, single, in separate color, large bulbs, doz., 40c; 100, $2.50. Dble. Begonias, doz., 75c; 100, $5. Cineraria, fancy leaved, finest named, doz., $1.50; 100, $10.

Send for **New List** all summer flowering Bulbs, Seeds etc. **FLOWER SEEDS READY.**

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SOUTHERN WILD SMILAX

WITH

CALDWELL THE WOODSMAN CO., Evergreen, Ala.,
Or their Agents—L. J. Kreshover, New York; J. B. Demmd, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

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GERANIUMS, good collection, 2-in., $3.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $1.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

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JOSEPH HEACOCK, Wyncote, Pa., Grower of

ARECA LUTESCENS,
KENTIA BELMOREANA,
KENTIA FORSTERIANA,
LATANIA BORBONICA.

Write for Price List.

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119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers of..... **Florists' Wire Designs,**
Importers and Dealers in **Florists' Supplies.**
Galax Leaves and all Decorative Greens.

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Remember we are headquarters for best goods always.

CROWL FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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THE RETAIL FLORIST.....

Flowers as Valentines.

From all over the country come reports of an extra demand for violets on Valentine day. There was an extra call for these flowers in New York that day, but some of the leading florists offered many specially arranged baskets and boxes of forget-me-nots, valley, etc., which sold exceedingly well. Thorley had his window filled with small hampers which were tied across the lid with broad ribbon bows, spray of roses or other flowers in the bow. They looked very "catchy" and sold well. Other Broadway florists had small colored handle baskets tied with ribbon and filled with small flowers; these baskets were hung in garlands the full length of the windows and made a very attractive showing. Many made special preparations for Valentine day in this way and had the offerings neatly marked "Floral Valentines," and though more will say the sales were very extra still they feel repaid in many ways for the expense and trouble they went to.

Plants.

Many of the New York stores are making special displays of flowering plants in their windows at present. These plants seem to be the forerunners of what we are to expect for Easter.

The second and third rate stores are again making French paper dolls out of azaleas, etc., and the crimes committed in the name of art in these places are as bad as ever. Anyone of an artistic temperament must needs wear blue glasses and close his teeth when passing the windows or visiting the stores of some who claim to be floral artists. The man or woman who chokes up and entirely obliterates the beauty of a well grown plant with crepe paper is an enemy to the florists' trade.

We don't wish to be misunderstood, Mr. Editor; moderation in crepe paper is like moderation in drink, excess is vile. Many hundreds of plants die prematurely because of lack of water on account of dread of wetting the paper. A good plant in a clean pot needs very little fixing up, but there are many plants which though ever so well grown, need some trimming to sell them, and the first class stores this year will either make them up in baskets or use the new matting which can be made very artistic.

This matting is made of wood shavings and is dyed in a few pleasing colors, and some abominable ones. It was introduced last fall by a New York basket maker and though its adaptability was up till recently only recognized by the few, it promises to be generally used this Easter. It takes the place of crepe paper and is not damaged by water as easily as that material. Some first class stores have at the present time this matting in use, and it is far superior to the old material. We shall give you some illustrations of it before Easter.

For Easter.

There does not seem to be anything specially new in sight for Easter at present (and we cannot see how it can change). There will be nothing but the same old kind of stock to offer. Azaleas will be more abundant, and some growers must have either been bunco'ed or else they show ignorance on the varieties of azaleas they should offer to the American public. Variety may be the spice of life but it doesn't always produce the wherewith to sustain life. There are one or two varieties of azaleas specially valuable to the American trade, and each year it seems more difficult to get these favorites, unless you buy poorer varieties with them, or pay extra.

Everything points to a record breaking Easter and we fancy that retailers will be able to dispose of enormous quantities of plants if they are in good condition and are presented properly. But you need not wait till Easter; many a good sale can be made during Lent. No store should be without its sample basket of plants or flowers; there's no telling who'll buy or when a thing will be sold. If you are out for business be always prepared for it and have some enticing basket before the nose or at least the eye of your customer.

Made up baskets of flowering plants will more than ever be the leading feature in the principal New York stores this Easter. Lent, after all, is not the wet blanket to the florist business it is supposed to be. True, there is an abundance of stock left over on the market, but then there should be plenty of stock at this time of the year; it would scarcely do to have at all times flowers as scarce and as dear as they are in December and January.

Lenten Demands.

There will be quite a demand for flowers during Lent, but it will be more in the nature of an undercurrent—a somewhat subdued light, which the florist can help to protect by an exercise of diplomacy, for as a rule people who entertain during this season (and many a large affair is booked to come off) don't want the matter advertised; they naturally expect the florist and caterers to keep quiet and not give information to newspapers. We have known many a florist to lose good customers on account of someone in the store giving reports to sensational newspapers which exaggerate and ridicule the events. Some people love to be advertised other's don't, the florist needs be careful, more especially during Lent.

At the present condition of the market nearly all can afford to be a little more generous than circumstances have permitted for several months past. We are prone to imagine it has been a somewhat hard season for small retail florists whose entire trade almost depends upon those who could not afford to pay high prices—and prices have been very high this winter. Now, however, opportunities will occur where all may give a few flowers where they will do good, or will be enabled to give their customers an apparent value for their money in the way of well filled funeral designs or in other orders. Grasp any and every possible chance when flowers are cheap to dispel lingering memories of having been overcharged in the past, for as with yourself, so with your customer, both are human.

Boston Ferns.

It seems hard to understand how with all the growers around New York it is impossible at present to find any well-grown Boston ferns, especially in pans. We had occasion last week to seek a 10 or 12-inch pan of this fern and applied to all the specialists for it, and was informed that they were all sold out. This is an annual occurrence; there is always an abundance of this fern in the early part of the season and the growers are always in a hurry to get rid of them; no provision is made for this part of the season, and the result is that there is considerable difficulty in filling an order. Some wise grower will perhaps take a hint and provide for this time of the year.

Other Plants.

Primula chinensis sold well in this section of the country this season. Once in a while a few extra fine named varieties were seen. One grower had his grown three or four in pans and in separate colors and they went quickly. This plant is as a rule too small to offer singly; many were sold made up in baskets of four to six, but the best way to offer them is grown in pans. You might mix some, but they are apt to sell quicker in separate colors. Primroses of all sections will sell well this Easter if presented properly. The one offered by Dreer a few weeks ago is a grand thing and a great favorite around New York.

Variegated cyperus is a thing that sells well; more of it should be seen. Some are looking for camellias with but poor results. Anyone with a stock of these old time favorites in flower for Easter would sell them very quickly; we might see them offered next year. People who have acres of glass and who are continually looking for "new things" can with profit look back and pick up some of the old things.

Flowering Shrubs.

Flowering shrubs and fruit trees such as forsythia, Cydonia japonica, spireas, almonds, peach and lilac have been coming in for some time and have been used extensively in decorative work. This kind of material will of course be popular for spring weddings. An arbor of Japan quince with an interlacing of growing-like Cusin roses is fit for any queen to be married under.

Some very pretty wreaths have recently been made from Florida magnolia foliage. Use large leaves for ground work and finish off with small ones.

For a time it was quite difficult to get any respectable looking outdoor ferns. Dealers in that kind of stock

blamed the weather. We were always under the impression that weather could have no effect on the stock as it is preserved.

Leucothoe sprays, both bronze and green, are being much used in New York for a background to flat bunches or as sprays in cut flower boxes. They are very useful with large flowers.

IVERA.

POINTS TO RETAILERS.

At the last meeting of the Chicago Florists' Club Mr. E. Buettner led in a discussion as to what the retailers should do to increase the sale of flowers. He sharply criticised the window displays of most retailers and said the vases of flowers of all colors were usually jumbled together without any taste whatever. If a customer comes in several of these vases of flowers are set before her to select from, and the seller depends entirely upon the quality of the stock to sell it. He held that sales could be much enlarged if stock was presented in a more attractive manner and instanced the expansion in the trade in plants, since some effort had been directed toward presenting them to customers in such a way as to bring out and enhance their decorative value.

Cyclamen Grandiflora Fimbriatum.

He spoke of the average bunch of violets as resembling Kruger with his whiskers and scored the retailers for being content to offer violets to their customers bunched just as they came from the growers. He said the growers were not supposed to be artists, but the retailers ought to be, and should make some effort to show it.

He mentioned the great care given by dry goods merchants to displaying their wares to best advantage, and the fact that their best talent is devoted to the arrangement of their window displays in a way to attract buyers into the store. He felt that the great majority of the retail florists were woefully negligent of their opportunities in this respect.

He was positive that two bunches of flowers could be sold where one is sold now if the retailers would study ways of presenting their wares attractively, as there are lots of people who will buy if the desire for possession is raised by an attractive arrangement. He told of an instance he had noted where a bowl of wall flowers had attracted no notice from customers until the retailer had made a pretty arrangement of them in a hamper. It quickly sold at a good price and others followed as fast as they could be made up.

He continually emphasized the necessity of tempting the buyers by artistic arrangement rather than depending upon sales by the dozen merely. He held that a pretty bunch of two dozen carnations could be sold in most cases to the lady who had called with the intention of buying but one dozen. He held that there had been more progress in the attractive presentation of groceries to the prospective buyers than in flowers. He also spoke of the importance of prettily arranging flowers in the box for delivery.

The various points mentioned were endorsed by several of the retailers present. Mr. E. Wienhoeber said that the neater and prettier the bunch presented to the customer the easier it was to sell it, and often a much larger quantity was sold simply because the customer wanted the arrangement as it was, even if it did contain more flowers than she had intended to buy.

Mr. E. Enders, with C. A. Samuelson, further emphasized the matter. They make it a point to change their window display frequently, and are constantly studying on new features. Often a glimpse of something in the window, or the general effect, brings a passing carriage and its occupant back to the store and generous sales result that would have been lost but for the window display. And regular customers come frequently to admire the new features. As a result sales follow when customers had intended to merely admire. Some had come to look for these changes and occasionally they had an inquiry as to what the main feature would be next week, showing a lively interest had been developed.

The growers and wholesalers were touched up a little in regard to laxity in properly grading their stock. There were some interesting good natured passages at arms and the meeting was a lively and interesting one.

THE CYCLAMEN.

The accompanying engraving is from a photograph taken Jan. 25 of a house of cyclamen plants being grown for seed at the establishment of Messrs. Lehnig & Winnefeld, Hackensack, N. J. The house is 12x100 and contains about 500 plants, which have been selected for seed growing from a lot of about 14,000.

They say that with the cyclamen more than anything else it is necessary to have good strong seed to produce good flowering plants. The seed plants must be vigorous and healthy and of medium size, namely twelve to fifteen inches in diameter, and the foliage distinctly marked. The flowers must have a strong, stiff stem, not too long, but sufficiently so to carry the blooms well above the foliage. The flowers must be perfect in form, of good size, and last, but not least, of a clear and desirable color. They take no striped or double ones for seed purposes.

The plants seen in the picture are supported by model carnation supports, the idea being to hold the seed pods up in an airy position and protect them from water and damage from lying on the soil. They allow fifteen to twenty seed pods to form on each plant, and whenever more flowers appear on the plant they pick them off to avoid any overdraft on the strength of the plant.

From now until the seed ripens the plants will require even more water than before, and it is well to give liquid manure once a week. The seed will ripen by May and June and will be ready to pick as soon as the seed pods show signs of bursting. Each pod contains fifty to one hundred seeds, which at first are white, but soon turn to the familiar brown color.

In regard to culture Messrs. Lehnig & Winnefeld say: "Seed can be sown from August till September in boxes or pans having good drainage. Keep well moistened. In about six weeks the young plants will make their appearance, and when the second leaf appears they should be transplanted. We have heard it stated that good cyclamen can be grown only in leaf mold. It is, of course, a good thing if to be had, but we have seen exhibition plants grown without any leaf mold whatever.

"If you have good airy houses with modern ventilating apparatus, grow them therein. If not, then use frames with top and bottom ventilating. Do not house the plants in the fall until there is real danger of frost. Give a light and airy house and keep the temperature a trifle lower than for carnations.

"The demand for cyclamens at Christmas time is very rapidly increasing. Though we have increased our number of plants every year, we have never been able to fill all orders. Many more plants could have been sold in New York last Christmas had they been obtainable."

House of Cyclamen being grown for seed at the establishment of Lehnig & Winnefeld, Hackensack, N. J. Photographed Jan. 25.

The second engraving is from a photograph of a plant of cyclamen grandiflora fimbriatum. This is not the so-called Papilio or Butterfly cyclamen, but a new strain that they believe will be in great favor in the near future. It is certainly very attractive.

CARNATION NOTES.

In the Review of Feb. 1, Mr. Marquisee takes exception to what I have repeatedly said about the carnation Marquis being a late bloomer under ordinary culture. Now, I do not object to being corrected whenever I am in error and we are all liable to make mistakes. What I have written in these notes from time to time about different varieties has been usually the result of personal experience, although in many cases I have been able to learn the experience of several other growers and in such cases I always consider their experience as well as my own in sizing up a variety, and especially the new ones.

Mr. M. is quite right when he says that just because a grower fails with a variety the first year it is not positive proof of its worthlessness; but, I think, that when a variety comes in late with you and you hear of many others who have the same experience, and you can hear of no one who has it in bloom early, you can hardly be blamed for branding it a late variety. I have seen several batches, and heard of many more, that acted the same way as ours, and so it can hardly be my fault altogether. But, of course, sometimes we misjudge a variety, which is proven by the fact that Mr. M. had Marquis in full bloom in September and had it continuously in bloom ever since. But does not this prove also that Marquis *does* need special culture to bring it into bloom early? Is it not possible that Mr. M. treats it differently than most varieties are treated and that he has lost sight of the fact that he has changed the treatment to suit the needs of the variety? I think that this seems more reasonable than to think that all the most successful carnation growers in the country should fail with the variety, when they grow other varieties to perfection.

The fact is, that these growers, not knowing that it has this fault, handled it just like they do other early varieties, which, of course, they would not have done had they known of this peculiarity. At least some of us would have been able to overcome this fault had we been warned in time. Now we know it, and many of us will grow it next year and, I hope, profitably, as it makes grand blooms, which will find a place among the topnotchers anywhere. But we have lost a season's profit, and the variety has suffered in popularity which could have been avoided by a mere bit of frankness on the part of the disseminator.

Is not this good proof of the value of the suggestion I made some time ago in regard to the disseminators giving us more information regarding the peculiarities of the varieties they are introducing? Mr. Fisher has told us how to get longer stems on Mrs. Lawson and Mr. Marquisee has promised to tell us how to get the Marquis into bloom early, but many of us do not need to be told now in either case. We have discovered the faults and we know how to prevent them in the future, but had we been told last spring or summer, it would have saved us a good many dollars this winter. I have spoken to many growers in regard to this matter, and all seem to think it would be of great benefit to all concerned. All except one, who feared that if the introducer recommended certain treatment and some one who followed it failed to be successful with the variety he would blame the introducer all the more. That sounds all right, but it is not to go so far as all that. He can say the variety needs early planting, or it must not be pinched late, or it needs more or less heat than most varieties, and that it does best with him in about so many degrees of heat, or plant it in a heavier or a lighter soil than the average variety wants, and so on, whatever its peculiarities may be.

I am well aware that the same variety often does well with different growers with very different treatment, and it would not always be necessary to follow the methods employed by the originator to attain success; but the originator usually has from three to five years' experience with a variety before it is sent out and he usually knows its faults as well as its merits, and he can tell you what to guard against if he wants to. A variety should not be condemned right away on account of these little peculiarities unless they are serious faults which render the variety inferior to other varieties of the same color. There is not a variety in cultivation today that has not some peculiarities of its own which perhaps no other variety has, and it will most likely always be so. All hybridists are well aware of this.

I have heard occasional complaints about E. Crocker not keeping well after being cut, and we had the same trouble until we found out just at what stage to cut it. Now we allow them to open full before cutting, and it keeps fine for us. Just to try its keeping qualities, I cut three blooms of Crocker and three blooms of Mrs. F. Joost on Feb. 17, and put them into a vase together, and set them in a bedroom which ranged anywhere from 45 degrees to 60 degrees, according to the weather. On March 1 one Joost went to sleep, and the next day the other two closed up, while the three Crocker remained fresh until March 3, when two of them closed up, and the remaining bloom of Crocker looks as though it would last at least two more days. I have kept carnation blooms longer under more favorable circumstances, but we all know what a good keeper Mrs. Joost is, and as Crocker kept longer than it did in the same vase, it proves that it is a fine keeper when it is cut right. A. F. J. Baur.

If you want a copy of the Florists' Manual, by Wm. Scott, and cannot spare the full price ($5.00) at once, write us for our monthly payment offer.

MISCELLANEOUS SEASONABLE HINTS.

Easter Plants.

There will be no question of so much importance to the grower now as the condition of his stock for Easter, whether backward or too early or just right, as he thinks. If we knew exactly what weather to expect we could regulate things pretty closely but that, very properly, will always be unfathomable. It is, by the time these lines are in print, only four full weeks until our crops should be ready for the market.

Azaleas.

Azaleas that have been kept in a greenhouse all winter are rather too early. That is, several of the best sorts. You can usually find one end of a house where you can place the forward plants and shade them heavily, at the same time giving them air day and night if possible. With small quantities you can even stand them beneath the bench on full, bright days. We find the majority of people who will pay three or four dollars for an azalea don't want them too full out.

A few years ago we had a hundred fine plants in full bloom two weeks too early and put them in a cool, dry cellar or basement. It answered the purpose after a fashion but they lost color and did not look fresh and attractive. Retard them before they open their buds if possible. In a milder climate than ours a deep cold-frame with air and shade would be an ideal place for these early varieties, but in case of a zero night it would necessitate a good many blankets.

Lilies.

In Philadelphia I saw thousands of Japan longiflorums that were in plenty of time or what I considered about right. If they are now clearly showing their buds you have them safe. The Harrisii that I have seen and the few that we have are easily in time. There is no trouble about them, but the Japans want a good deal of forcing; 65 degrees at night is not overdoing it, and where the buds are only just showing they will need that temperature. Now my plan, where you have a big batch of Japans in many degrees of earliness, some with buds two inches long and some only just showing, would be to give them all as much heat as you have at your command and not move out one of them till the first bud was ready to open. Remember they will last two weeks after they are open and when taken from a very warm house and put in a cool one when the buds are about half grown they will often stand still. Rush them all along. The earliest Japans will easily keep till Easter if removed to cool, shady houses just as the buds are beginning to open. When the buds are above the foliage the green fly is easily kept down, so fumigate mildly twice a week.

Lilac.

Lilac will come along nicely in four weeks in about 60 degrees at night and will be more satisfactory if kept in a cool house for a few days if you should happen to have them too early. We have kept them in a moist cellar for ten days in perfect order.

The Crimson Rambler Rose.

This is now a standard Easter plant. When down east two weeks ago I had to take a good lecture from expert growers like Robert Craig and Mark Mills because I have had occasion to advocate the summer grown pot plants in preference to the field grown plants lifted in November and forced for the following Easter. I will confess gladly that as Mr. W. K. Harris and Mr. Craig force these field grown plants nothing better or finer can he desired, but we have not yet been able to manage it. The secret is, they should be on your own place and not a particle of drying out should occur. When shipped some distance with ordinary packing they do dry out and dry canes that won't break is the result. If fine canes can be produced in 8 and 9-inch pots the previous summer they have the advantage that every eye will break and will force with ease. As I may tire my readers on this subject I will say, get some young plants this spring and plant them in your own field. If they make four or five good canes you can lift them for forcing next November, but they make much better plants by cutting back next winter and letting them grow one more summer.

Now about our Easter plants: if you can see the truss on the end of the growths they will be all right. They come along very fast the last two weeks. The flowers have a better and deeper color when grown below 60 degrees than they have when forced much above it. We were never troubled with red spider on the Rambler because we always gave them a daily syringing till the flowers are open.

Azalea Mollis.

Azalea mollis forces easily in four weeks in about 55 degrees. They sell fairly well because there is nothing like them in color. In hot weather the flowers drop quickly, but at Easter time they last fairly well.

Deutzias.

Deutzia gracilis should be showing their little sprays now. It is much better to bring it along in a cool house. I believe in this plant for Easter, for it pays to cut if you don't sell it in pots.

Spiraeas.

It seems we can't do without Spiraea or Astilbe japonica. Some force this plant in an extraordinary short time. Ours are just now showing their spikes above the leaves and in 50 degrees at night will be on time. I have before now recommended that every plant be stood in a saucer and a little water be put in them. This will save you one watering a day and add much to the robustness and color of the foliage and size of flower, and when you sell a plant tell your customer to keep them in a saucer and saturated. If not they are the most unsatisfactory of plants. In a church decoration I have seen them wilted by noon, especially if the sermon was dry.

Genistas—Acacias.

Strange to say our cytisus (Genista racemosa) is not a day too early this year. Usually they are wanting to flower about this time. Not a very satisfactory plant outside of a greenhouse, but what have we else but the cytisus in its color? I know of no bright yellow, except perhaps the Acacia armata.

These are fine with us this year. Plants that were pruned short back after last Easter and in June plunged out of doors have made a number of growths of two feet long covered with their little globular flowers. They have a bad propensity of rotting quite a percentage of their flowers, but even when in the best of order they do not sell as readily as such an attractive plant should. Keep them quite cool; they are sure to be in time.

Bulbous Flowers.

Bulbs have now been forced so long and well that you would think everybody knew every point about them, but we occasionally get a chestnut fired at us. If the tulips and hyacinths have been frozen this long, steady cold spell they will want a week longer in the house than if they have not been frozen, for if in the latter state they have been continually growing and soon jump into flower when given heat and daylight. Considering that winter is likely to be with us at Easter and the week or two preceding I would say, to be safe, give the Dutch hyacinths and daffodils two weeks, the single tulips seventeen or eighteen days, and the double tulips twenty-one days.

Lily-of-the-valley is always a favorite at Easter. You ought to put an extra lot in the sand for that date, allowing about twenty-one days. This will give them plenty of time to be fully out and a day or two to be in the water before using.

WILLIAM SCOTT.

ROSE NOTES.

Sub-Watering.

Considerable has been said about sub-watering carnations, but so far I have heard nothing about sub-watering for roses. I have had opportunity to devote some time and study to sub-watering for both carnations and roses and was very favorably impressed with the results. I am of the opinion that when sub-watering is more fully understood its value will be more appreciated and the existing prejudice against it will be removed.

It is of special value in growing American Beauties. It assures having the top of the soil and the foliage dry while there is still sufficient moisture at the roots. There is no baking and cracking of the soil as the result of heavy overhead watering, and the soil can always be kept loose on the surface. The tendency to black spot is greatly reduced, and the labor saved by this system of watering will pay for the extra cost of building the beds in less than a year.

The beds for sub-watering can be made in many different ways. The great point is to have them water-tight, whether

raised benches or beds in the solid soil. I prefer the latter, as they are more substantial and also cheaper. The walks are lowered so as to raise the beds some what to make it more convenient for working among the plants. For the sides good planks are used and they are held in place by small iron pipes across the bed. First the soil in the bed is well firmed, then gone over with loam or clay, which is also brought up the side of the plank. Then the whole is cemented over.

The beds should be about ten inches deep and as level as possible. Owing to the grade of the house it is generally impossible to have a bed level the whole length of the house, so it may be necessary to divide it into sections of from 25 to 35 feet. The sections are separated by cemented walls, which need be only an inch or two higher than the tile and which do not interfere with planting. On the surface the bed will be as level as any other. In a bed from five to six feet wide one run of 3-inch tile was found sufficient. In the center of each section a tee is placed and a tile attached that will rise above the surface of the soil to admit the water. The bottom of the bed up to one inch above the run of tile is filled with rough cinders on which about five inches of soil is placed. The soil should be well firmed and the bed is ready for planting.

The first watering is done from the top in order to help settle the soil around the plants, but afterward all watering is done through the tile. It is an easy and at the same time a sure way to get an even degree of moisture all through the bed, especially if the sections are not too long. If the bed is level it will also dry out evenly and there will be no overdry or overwet places as so often happens with top watering.

The soil should always be fairly on the dry side before giving water. I find that 2 to 2½ inches of water in the bottom of the tile, given at one time, will bring the moisture near the surface of the soil though the top will still look perfectly dry. One watering is sufficient for a week and often for two weeks.

Those not acquainted with sub-watering naturally suppose that the soil is more apt to turn sour. My experience has been that when properly handled the soil is not nearly so apt to turn sour as on raised benches. The reason is that the sun and air can always easily penetrate the soil, which can not always be said of raised benches. For roses, hybrid teas in particular, sub-watering is of great value. Some growers have used it with great success and it is well worth a trial by any grower. M. Stauch.

BLIND WOOD.

What is the matter with our roses? They were planted the latter part of April last in good soil composed of rotted sod and cow manure with a little lime added. The growth is mainly healthy, but they produce blind wood to a great extent and not more than ten per cent of flower buds.

We can think of no cause for this unless it might be due to not starting the fires early enough in the fall, as the result of which they were badly mildewed. Please suggest the cause and remedy. J. W. M.

Blind wood is often the result of exhausted soil. Roses that were planted last April should by this time be supplied with plenty of nourishment, either in the form of a mulch or of liquid manure.

If there is no deficiency in this direction it is probable that the check they received last fall was the cause of the trouble, but if given good treatment since then they should have recovered from the set back by this time.

It is likely that J. W. M. has forced his roses too much at times or in general, and may have kept his houses too warm and close and in this way exhausted his plants. I would advise liberal feeding, plenty of air whenever possible and an even temperature not over 58 degrees at night.

M. Stauch.

New White Carnation Hoosier Maid.

AMERICAN BEAUTY TROUBLES.

My Beauties are planted in solid beds in five inches of soil, with broken bricks underneath for drainage. They gave me a splendid crop in December, since which time I have had very few flowers. They appear to be in good health and are sending up strong shoots from the ground, though they have been losing some of their lower foliage. Some of these shoots are now setting buds when two or three feet in height.

I notice a ring around the neck just below the bud. If allowed to remain the buds turn black and break off at this ring. There is a small cavity with a black lining, but I have been unable to discover any insect. Two of the beds have received several weak applications of manure water. The other bed has received none, but the trouble appears to be just as bad on this one bench as on the others.

They have been kept at a temperature of about 60 degrees at night, with a rising temperature of 15 to 20 degrees higher in the sunshine. Can you tell me the cause of this trouble?

I notice that Mr. Stauch recommends lifting the old plants and planting in fresh soil after they have been cut back and properly rested. Can I not carry over the old plants without lifting after they receive the proper rest, if I cut them back and remove some of the top soil, putting on fresh mulching the same as with Brides and Maids?

Are cuttings of this rose unfit for use when they drop their foliage in the cutting bed, provided they are well rooted?

Subscriber.

It is difficult to determine what may have been the cause of the trouble described. It is probably what is commonly known as "blight" or "blast," which is caused or accelerated by the presence of either parasitic fungi or insects, or by atmospheric influence. The disease is fostered by a warm, moist and confined atmosphere. I would suggest keeping the house cooler, giving plenty of air and syringing no more than is absolutely necessary.

The Beauties can be carried over in the way described, but I have found it best to transplant.

The cuttings that have lost their foliage but are well rooted are not unfit for use, but they are inferior to those that retained the foliage. A cutting that has a leaf on will start to grow sooner after potting as well as making a better plant, and the principal loss after potting is generally among those that have lost their foliage.

M. Stauch.

VIOLETS.

These notes are not written with the idea of imparting wisdom to the old violet grower, but with the hope that now and then we may give some ideas gained from several years' experience in violet growing that may help the novice to attain success.

As I mentioned a short time ago, the taking of stock for next season should now be well under way and the balance needed should be hurried up. If possible, propagate twice as many as you will need, so that you can fill your house with your choicest stock and still have enough left to grow outside to entirely refill the house if for any reason those planted inside do not grow as you wish and you have to throw out a part or all of them. As a usual thing, this surplus stock will find a ready sale to the less fortunate grower who finds himself short or has an extra house that he suddenly concludes to fill with violets, and as the prices generally run, such stock should pay for its care at least, and it is worth much as an insurance against having to purchase stock yourself.

Do not take cuttings from plants that at this time show small flowers and weak stems, with poor, light coloring, and that have made a rapid soft growth. It is time and labor thrown away, the results are so unsatisfactory.

All such runners as have struck roots into the soil before removing from the plants can at once be pricked out in flats of soil without any further trouble. Those that have struck without going into the soil (air struck) will have to go into the sand to root, and the aerial roots should all be trimmed off, as they are too hard to be of any use, even though to look at they seem to be all right.

If you find yourself short of room in your propagating bench, you can make a very good substitute of ordinary flats, boring four to eight holes in the bottom to insure good drainage. Cover the bottom over with moss, say half an inch deep, enough to keep the sand from running through; fill with sand and put your cuttings in these, keeping them in a cool place without too much draught, and you will find that they take the place of the propagating bench very nicely.

Do not make the mistake of leaving them in here too long, as they should be treated the same as if rooting in the usual bed, and be pricked out in the flats of soil as soon as struck.

It sometimes happens that you have to put the flats where they get a stronger sun in the middle of the day than is desirable at first, and you must take care to shade properly with papers, taking the precaution to see that they do not lay down flat on top of the plants, permitting no circulation of air underneath, for this is nearly as bad as nothing, perhaps quite. Some tall labels in the corners of the flats are good to keep the paper up.

We have been growing Farquhar (as well as Marie Louise) now for a good many years and in that time it seems as though it had changed in many respects. The first year or two we grew it we declared (as many others have) that there was not a particle of difference between it and Marie Louise. We even thought the latter the better, if there was any difference. But as we grew it more it seemed to grow out of its tendency to spotting so much easier than the Louise and the flowers are generally much larger and borne on much longer stems. We have this season come to the conclusion that its tendency to give "bullheads" is caused by too low a temperature, and also perhaps to too rich a soil. The latter opinion is held to more by my foreman than by myself. But on one thing we agree, and that is that Farquhar wants a temperature several degrees (just how many we have not settled to our satisfaction) higher than Marie Louise. As a result we intend the coming season to give the warmest border to Farquhar and the coolest to Louise.

We have not mulched for several years, thinking that on the whole it tended to help rotting in a damp spell more than it did any good otherwise, and yet a grower called recently who thinks it is the only way to do. He grows good violets and we consider ours fair, yet we are following different methods. But our soil is heavier than his and he may need the mulching to maintain a more even degree of moisture. R. E. S.

TODAY AND TWENTY YEARS AGO.

By Edgar Sanders.

[Read before the Chicago Florists' Club, March 1.]

In some respects to me it does not seem so long ago, but how few of the old guard are still in the harness, and what a change, my countrymen, has come over the scene.

Twenty years ago—let's see, who and what did we have in the florists' way in Chicago in the year 1880. In many respects the difference now and then is magical indeed, in the flowers used, the general make up of them, and things generally.

Twenty years ago we had no Florists' Club, no florists' directory, no bowling club, no quartette, no liveried driver and tiger, with a fashionable turnout, no fakirs, no hello, and no trade papers. It is just about that long ago that I as one of the first starters in this city, retired from the field as one of your competitors, to make room for others to follow.

How many florists had we then in the business, what did they grow, and how different from our own times? Let me see —our city then numbered 503,185 souls; it is now nearly four times that number. The city proper covered but thirty-seven square miles, now 186. There were then inside the city limits sixty-one florists' firms, fifteen of these doing business as retailers in the central part and one wholesaler. These fourteen, by the way, then did the cream of the trade of that day in flowers. This is all changed. What those in the center now sell, exclusive of the fakir, is but a drop in the bucket, so to speak, of all the flowers that are grown and sold in this city. Shipping either into the city, or out of it, was then but an infant as compared to now. It would be hard to say how extensive a field Chicago's supply comes from, and harder still to say where Chicago flowers are not shipped to.

Besides the sixty-one florists in the city limits twenty years ago, there were forty-three firms in nearby towns, a total of, say, 104 firms, as I make it. Last year my computation was 377 firms in the city, and 140 outside, a total of 517, all kinds. If that is correct, in 1880 for every 4,338 inhabitants there was one florist firm; in 1900, one for every 3,477; less difference after all than I had imagined.

Twenty years ago one commission house had just started, and peddled the few flowers sent in among the retailers for a customer. Now we have from fifteen to eighteen wholesale houses alone, to 500 and odd growers and retailers, but the buyers now do the hustling. Here is a remarkable change indeed. So much so, that 50,000 roses or carnations could easier be picked up today for a rush order than 500 could twenty years ago. No longer than twenty years ago an establishment with 5,000 feet of glass was respectable, a range of ten houses 200x00 worth going to see; double that, a big place indeed, with lots of the smaller ones, still heating with old fashioned flues, and houses glazed with 7x9 and 8x10 glass.

Now, any one with less than 50,000 feet of glass is not in it; a quarter to a half million feet is the idea. The big eight who wholesale their own cut easily go 2,500,000 feet of glass, lumped together, and mostly in roses and carnations at that. Why, the money paid for coal by one of these giants alone would be a handsome take of the biggest of those of twenty years ago.

Of the fifteen firms credited to the central part of the city twenty years ago, viz.: J. C. Vaughan, John E. Bohan, W. D. Chandler, James Farrell, August Gutzloe, Albert J. Hovey, Mrs. C. Kriek, C. J. Kruger, Charles Reissig, Edgar Sanders, Fred A. Schiller, W. T. Shepperd, and R. S. Watson & Co., not one is left in the original business in this year 1901. In the outskirts there are a very few originals; as a rule, they are all new, the big ones, the oldest but a decade old; several even less than ten years old.

What did they grow twenty years ago? For one thing, not now seen, white balsams ran a close race with carnations, the old double white primula an important feature; camellia flowers also still in the ring. Disbudded carnations not thought of for ten years after; every bud expected to perfect a flower, and good sales at that. Tuberoses grown extensively nearly all the winter, a highly profitable crop at 3 to 5 cents per flower. A grand thing for the grower and the retailer as then in demand, even if bulbs were expensive as compared to now.

New varieties of carnations had a longer run than now, but no talk of sleepiness. President De Graw, Lady Emma, La Purite, Astoria, etc., followed by Hinze's white and red, Hinsdale, King of the Crimson, and others, all originated as late as 1876 and 1877 and had barely got a foot-hold in the trade twenty years ago. All told, up to 1880 there were raised and named seven in whites, eight in reds, seven in pinks, six yellow, and four white variegated, two maroons and one red striped. The next decade, 1880 to 1890, there was brought onto the market upwards of 125 new sorts. Beginning, however, in 1884 the coming carnation tide may be said to have had its origin, with thirty-two new sorts; 1885 dropped to eight only; 1886 ran up to 37; the two following years 16 and 18 respectively, out of the total for the decade of 132 sorts. After 1890 new sorts fairly rolled in; 1892, the banner year, is credited with 57 sorts, and still it goes on; many are called, few are chosen; you pay your money and try your luck. Hinze's white stayed with us until a very few years ago, and good

Peter Weiland.

old Portia, a product of 1884, is still in the ring.

C. W. Ward, you know, recently estimated that the florists in this country grow, altogether, 5,000,000 carnation plants each year, producing 60,000,000 blooms a year, that sell for $2,000,000. It may be in this city we have two growers alone that housed 240,000 carnation plants between them. Think of it! Whatever the number may be and what they bring, the Chicago market gets away with its full share of roses and carnations, and for this time we will end and let it go at that.

PETER WEILAND.

We present herewith a portrait of Peter Weiland, who at the age of only 23 years will superintend the construction and later have full charge of a large modern range of glass at New Castle, Ind., for the growing of cut flowers for the Chicago market.

The new plant will be owned jointly by Mr. Peter Reinberg, the well-known Chicago florist, and the young man whose portrait appears with this. It will consist at the start of ten connected houses, each 27½x300 feet, with the Garland iron gutter and iron post construction. Of these four houses will be devoted to roses, five to carnations and one to asparagus. The material has been purchased and construction will begin as soon as frost is out of the ground.

Peter Weiland is the son of M. Weiland, Evanston, Ill., and for the last four years has had charge of his father's extensive range of glass. He has been remarkably successful, especially with carnations and bulbous flowers, and though so young has already established an enviable reputation as a grower. Of course he will have the benefit of the advice and experience of Mr. Peter Reinberg in a general way, but in matters of detail he will act entirely upon his own judgment. It is certainly a great responsibility to assume at so early an age, but all who know the young man and the intelligent interest he takes in his profession agree that he is fully equal to it.

LETTUCE FORCING.

[Read before the Tarrytown, N. Y. Horticultural Society, by Wm. Scott.]

Though under ordinary conditions good lettuce can be grown out of doors in summer with very little trouble, when it comes to forcing them during winter it is by no means an easy matter, but one that requires constant vigilance, and even with all the care one can give, does not always prove satisfactory. The trouble can be summed up by saying that lettuce is a plant that does not adapt itself readily to forcing. In the earlier stages of growth little trouble is experienced, provided good, fresh seed has been procured, so that the plants from the start are free and vigorous.

It is when the heading stage is reached that the chief trouble known as leaf-burn or heart-rot, is experienced. This disease is the work of a fungus that attacks the edges of the inner leaves, quickly rotting the affected parts and sadly disfiguring the plants, often to such an extent as to render them useless. Extensive experiments have been carried on for years with a view to finding a preventive or remedy, and although a good deal of light has been thrown on the subject from a scientific point of view, so far as I can learn the preventive or remedy is still to be found. The only practical advice these experimenters have had to offer is to keep the plants in as healthy a condition as possible. That, of course, any gardener worthy of the name, tries to do, no matter what plant he has under cultivation.

There are three lines that suggest themselves to me along which the cultivator must advance to attain success. The first is to procure a suitable condition of soil; the second, to procure suitable atmospheric conditions, and the third, to procure, as far as possible, a fungus resisting variety.

First, then, let us take the soil, on which must largely depend the healthy condition of our plants. I need not go into the detail of making up a compost heap, as no doubt all the members here know how that is done. The sod should be cut, and the compost made up the same as for ordinary potting purposes, only for lettuce it should not be too rich, and I prefer to omit bone and any chemical fertilizers, and use only that from the barn yard.

I have to grow my lettuce in benches, but if I had my choice would certainly prefer solid beds, and if possible have them right down on the ground level, as here they have a much more natural condition of soil and a much more equable condition of moisture can be obtained at the roots. But where only benches are available for their growth, we must make the best of it.

I find it always better to keep them on the dry side, as I find this a preventive of another disease, known as stem-rot. This I have found to develop most readily after a watering before which the soil had been allowed to become too dry.

In filling the benches I use for drainage old, well rotted manure in a dry and rather spent condition. Over about an inch of this I put about four inches of the prepared compost, working the roughest parts of it toward the bottom. There is no need of packing it, as it can be firmed sufficiently around the plants at planting.

Now we come to the atmospherie conditions. Artificial heat is undoubtedly the cause of the greater part of the trouble in foreing lettuce. In frames where no artificial heat is used lettuce can be grown well with ordinary care, and are seldom troubled with fungous diseases, but without heat, which must during the winter months be supplied by artificial means, there is little or no growth, hence no forcing, so that we must adopt this necessary evil to attain the end in view. The question, therefore, arises, at what temperature is it most profitable to force lettuce? Or in other words, what amount of artificial heat can be applied to lettuce to be suitable to its most rapid growth and at the same time be unsuitable to the development of fungous diseases?

My experience leads me to conclude that a temperature of 40 degrees by night with a rise of 15 degrees on bright days is, all things considered, the most practicable. Fresh air should be admitted on all favorable occasions, and the atmosphere should never be allowed to become close and stagnant. The house should have sufficient piping in it to allow of the temperature being kept at the figure given without requiring the pipes to be heated sufficiently to give off a dry, burning heat, which would not only be detrimental to the growth of the plants but an incentive to the development of injurious insects. Besides, having the house thus heated obviates to a great extent the necessity of too frequent sprinkling.

Now as regards variety. I have tried quite a number and the one I find easiest to grow and least subject to disease

is "Grand Rapids," but as this is one of the loose, flabby type, it does not find so much favor as the heading varieties, which the majority of families insist on having. Of this latter class I grow "Deacon" in preference to any other. This, though somewhat slower than some of the others in maturing, I have found to be the least subject of all the heading varieties to fungous diseases and makes a fine solid head.

In conclusion I would caution growers against allowing the young plants to become crowded and drawn. It is better to handle them in a small state, first from the seed boxes into flats, and again from the flats to their maturing quarters, before there is any danger of crowding.

SWEET POTATO PLANTS.

Could you give us through the columns of the Review a few points on starting sweet potato plants; when and how to start them, and do they need a hotbed or cold frame?

Plant a few tubers in box of sand or light soil in greenhouse or hotbed. They will soon sprout. When three or four inches long take cuttings and insert in sand. They will root as readily as German ivy. When rooted, pot, using 4-inch. Grow in hotbed. When well started put in cool frames ready to plant out middle of May.

It is much better to buy plants from a good seedsman along in May or early June. They can be bought for 50 or 60 cents per hundred. Make hills of light, rich, sandy soil three or four feet apart and about fifteen inches high. Have pail of thick cow manure water; dip roots in and plant on hills. Give good watering As plants begin to run go through them twice a week and lift up runners to prevent them rooting to the ground (as they root at every joint) or you will not get a crop. Wm. Rayner.

CHICAGO.

Club Meeting.

The last meeting of the Florists' Club was a very lively and interesting one. The talk by Mr. Buettner on the retail trade and Mr. Sander's paper on the trade of twenty years ago will be found elsewhere in this issue.

A communication was received stating that Mr. Benjamin Durfee, of the American Rose Company, Washington, D. C., would be present at the next meeting and would display a vase of blooms of his new rose, White Golden Gate, and would also probably favor the members with a talk on growing the Golden Gate rose, with which he is very successful.

Mr. H. E. Philpott, of Winnipeg, Manitoba, was a visitor, and told of the difficulties of the florist in a city where the thermometer stood at 30 degrees below zero when he left and where it had never been higher than 10 degrees below for the past three months. He said that growing roses was simply out of the question, as during the winter months the frost on the inside of the glass was rarely less than half an inch thick. He obtains most of his roses from Toronto and Brampton, as the duty of 20 per cent makes a heavy addition to the cost of flowers imported from the United States. He indorsed all that had been said by other speakers regarding the importance of attractive window displays, etc. In speaking of shipped flowers he said that the growers were too apt to let the flowers remain too long on the plants to make them good long distance shippers and that they should be cut earlier for this purpose.

Mr. James Hartshorne, of the Chicago Carnation Company, showed a vase of blooms of the new carnation, Mrs. J. J. Mitchell, a cross between Red Bradt and Jubilee. It has the size and form of Bradt, the color of Portia and is very fragrant. It is a beautiful carnation.

G. E. Anderson was elected to membership.

The Market.

The bitter cold weather has checked local demand and while there is no material change in prices of the first grades, there is a wider range and prices are really easier. On tea roses the range is now $4 to $8, with not very many sales at the top figure, $6 probably representing the rate at which the bulk of the good stock is sold and the poorest qualities finding difficulty in winning the lower figure mentioned. American Beauties still bring $5 a dozen for the best, but they grade down rather sharply and the poorest go as low as $6 a hundred. Liberty is getting to be more of a factor and sells at from $6 to $10.

In carnations the range is from $1.50 to $3 for good ordinaries, with a few fancies, such as Lawson, etc., going as high as $4 and an occasional sale of very poor stock at as low as $1. Violets still move poorly. For good stock the price ranges from 40 cents to $1 a hundred, only a very few bringing the top price and poor ones being often cleaned up at any bid made by the buyer, some sales hardly realizing enough to pay for the picking and bunching. Bulbous flowers are also suffering. The rates quoted on tulips are $2 to $5, but the sales at the latter figure are very few and the bulk go at the lower rate if at all. Daffodils move very slowly, too, and more are sold at $1 to $2 than at a higher figure.

Among the tulips coming in the highly colored La Reines from Klehm's nursery are very noticeable at Kennicott Bros. Co. We have seen these used in plateaus for table decorations, making a better effect than roses and they were some little cheaper, too.

The best hardy ferns are up to $2 a thousand. Good smilax seems scarce and sells at $2 a dozen.

Various Items.

Last Monday evening a large number of friends attended a surprise party at Mr. George Reinberg's, Summerdale, and were unexpectedly joined by Mr. John Beck, of Remsen, Iowa, a cousin. The affair was a decided success and the evening was a most enjoyable one. Among florists present in addition to the host of the evening were Henry Wietor, N. J. Wietor, Adam Zender, Peter Reinberg, and John Muno.

Mr. and Mrs. O. P. Bassett, returned last Monday evening from Florida and on Tuesday Mr. and Mrs. C. L. Washburn left for South Carolina.

As is noted elsewhere in this issue, Messrs. Peter Reinberg and Peter Weiland have concluded the purchase of land in New Castle, Ind., and material has already been shipped for the construction of the new range of glass to be erected there. Mr. Weiland is on the ground to superintend operations.

New Castle has also been definitely selected as the site for the new range of glass to be erected by Mr. L. Coatsworth, of Bentley & Co., mentioned last week. Eight acres of land have been purchased and building will begin at once.

New Castle is getting to be an important point floriculturally. A party of Chicago florists will journey there this week, taking the 8:40 p. m. Panhandle train this Thursday evening, to attend the meeting of the Indiana florists, and incidentally look over the existing and prospective establishments.

The bowlers will play a series of league games this Thursday evening at Anson's.

Mr. J. W. Canaga, of St. Louis, was a visitor this week.

BOSTON.

Trade Conditions.

The last week of February read like a yellow-covered novel, a "dull thud" and "sickening silence" on every page, together with a "blood-curdling groan" in each chapter as some poor grower closed out his stock at a ruinous price.

The weather was too cold to allow the street-trade to do much business until the closing day, and the sun now runs high enough to bring out lots of material. Violets and yellow jonquils have been the most plentiful, quantities and quantities of the former being left on the plants for lack of trade. Single ones were even more plentiful than double. Roses of all kinds are not now so plentiful as they have been, but there are too many of them yet, and the size and quality never was equaled in the history of the business.

Carnations are getting quite familiar once more and prices are now easy, say from one to three cents, with a few fancy at four. Ordinary roses range from two to twenty cents, Meteors and a few Liberty from three to twelve and a half, Beauties from eight to seventy-five each. The scarcity in fine white flowers for toning up designs still continues, and the supply of good green material is limited.

Various Notes.

Much serious sickness prevails among the blossom men. Pres. W. C. Stickel, of the Park street market, strained his back, slightly, as at first supposed, but it is proving to be a tedious affair, being painful and interfering with movement of the legs.

Wm. Anderson has been laid up now for a couple of weeks with a scalded leg.

B. L. Clark, Jr., of Randolph's, has been quite sick with typhoid fever, as has also Mr. Hirsch, the Temple place retailer, and Silas Grabelle, of J. W. Howard's Charleston branch, is confined by a very painful combination of diseases. The grippe is still quite active, but not so vicious as formerly.

Out on the B. & A.

Having noticed two shining spots on the hills twenty miles away to the westward, I gathered up the remains of my personality and half a day's worth of spare moments I had been saving up during the past busy weeks and trained out there to see what they were. Simply the

glass roofs that cover the almost phenomenal results obtained this season by rose grower Robert Montgomery and rose grower W. S. Wilson, under the lieutenancy of William Morrice. Imagine an immense triangle of about two miles' measurement on each of its three sides laid out on the beautifully diversified face of nature near Wellesley College, and you can picture these two places on the two northerly corners, with the gigantic establishment of the E. M. Woods Co. on the remaining corner to the southward. Mr. Wilson's place is in a secluded dell (not Dell Cartwright) of Wellesley, the other two being in Natick, and all of them are most easily reached from the railroad stations of their own respective towns.

The two of which I especially speak have attracted my attention from the fact that I have seen practically their whole output this winter and have been told that they are about the only ones that have not managed to get badly out of order at some time since last September. They are the only houses I have ever visited containing grafted stock from one to three years old, and perhaps it is unfair for me to be obliged to compare them with my old ideas of own-root or one-year grafts. Both of them are simply canebrakes of bushes shoulder and head high, with almost every bush and stem in perfect condition, even though enough material has been sent to Boston to furnish a New England farmer's wood pile. I almost dare to guess nothing better in their line never existed. Each is distinctly off crop now as much as they ever are, but a first-class old house of grafted stock does not produce its product so much in crops as roses formerly did. Both are up-to-date examples of modern commercial science in their appertainings. Mr. Montgomery's being absolutely new throughout, including dwelling house and stable. His place consequently shows latest results without the accumulations of years of experiment. A very interesting feature which also throws a side-light upon the owner's nature is a big bird cage, about 10x8x6 feet, containing about a dozen tropical birds of different kinds, and the happiest appearing lot of captives I ever saw. Too, the attention he gets from his "chief roof inspector," the cat, his two dogs and two horses, adds an idea each in its way. Another feature is that his whole establishment, of fifteen acres is so situated as to command a magnificent view of twenty miles in half a dozen different directions, and he has displayed much taste in home surroundings.

Mr. Wilson's place is one-third larger than the other now, and he is, at odd times, knitting away at a new house 320 feet long, half its length being now almost done.

The whole is distinctly a model, except one or two very small old houses, soon to be torn away and replaced.

J. S. Manter.

SAN FRANCISCO.

The Market.

This week has been a wet and sloppy one and it still rains. Walking skirts have taken possession of the feminine mind and the thought of flowers seems to have vanished for the time being. Business has been very dull this week; transient trade seems to be at a standstill. A few funeral orders are coming in, merely keeping us moving. Violets are very plentiful and are in greatest demand. Tulips and Dutch hyacinths are to be seen this week, but in quality they are not first-class, having very short stems.

Various Items.

Mr. Arnold Ringier, representing W. W. Barnard & Co., Chicago, is in town this week.

Mr. John Campiana, Alden, Alameda Co., Cal., has just completed one carnation house 30x86 and one fern house 20x50. Mr. Campiana is a son from sunny Italy and can perhaps claim the distinction of being the smallest florist in America; his height being only three feet. His wife is of average size; also his eldest son, but the two younger sons are dwarf like himself.

A. Galloway, Fruitvale, is cutting some splendid Marquis and Lawson carnations.

Mr. T. Stevenson, the London florist, is recovering from an attack of la grippe, having been confined to his bed for four days. When Mr. Stevenson was first taken sick he was swamped with advice on how to get well. Customer, No. 1 (stout old lady)—"I am sorry, but you take a wine-glassful of brandy and olive oil every two hours." Friend, No. 2—"My dear fellow, you look bad, but just go to bed and stay there until well and then get up." Deadhead, No. 3 (a drummer)—"My, old boy! you look feverish, drink all the whisky you can get hold of." Customer, No. 4—"I am sorry to hear that you are sick, but just have your wife rub you well with alcohol." Grower, No. 5 (no relation to Mrs. Nation)—"Get some brandy and take a glass every hour—don't remain on your feet." Customer, No. 6 (kind old lady from the land of heather)—"Ye dinna look weel Maister Stevenson, you just gang ta bed an' a'll telephone for the docter." Mr. Stevenson took a note of each cure as he got it, and, there being no two cures alike, it makes him shudder every time he looks at that note-book. The advice from No. 6 was the only advice taken.

Morse & Nelson, Piedmont, are cutting, from benches, some of the finest freesias coming into market.

Bennett Bros., Alden, are marketing a nice lot of perfect, ripe tomatoes of fine flavor, but the price offered for them at the best hotels is so small that they will not be grown another year.

Mr. Charles Kruse, owner of the Piedmont Nursery, Alameda Co., Cal., is reported to have died at Forty Miles Camp, Klondike, some time in August, 1900. His mother resides in Germany.

Peter Nicholson, San Lorenzo, is the grower of the finest Bridesmaids coming into market; Pelicano & Co. are getting them.

Peter Wadlinger, Golden Gate, has received from Switzerland a box of carnations, twelve in number, that are said to be very fine. Four out of the lot have died, but the remaining ones are doing nicely and will be watched with interest.

Mr. Robert Amstrong, Fernwood, has a very fine batch of primulas now in full bloom. They are a new strain recommended by Mr. Peter Barr during his visit to California. They are grand in color and giants in size, the best I have ever seen.

Mr. E. Carlson has returned from the Klondike not with nuggets but with whiskers, as he has not had a shave for one year. Mr. Carlson says wages are good in that region, but comforts are very scarce. At first when he got wet, and this he did many times, he used to hang his clothing up to dry, but found next morning they were as wet as the night before, so he took advice from the old miners and went to bed in his wet clothing, drying them in that way. That is the style up there.

J. N.

ST. LOUIS.

The Market.

Trade in general has been only moderately good during the past week. Stock of all kind is plentiful and prices low. Business in the downtown district is much better just now than in the West End, where little, if any transient trade is done. There were plenty of weddings and parties in the West End just before Lent, but now all trade from this source is cut off.

Prices on stock at this writing are as follows: Meteors, Brides, Maids, and Golden Gates run from $4 to $6; Perles and Woottons from $3 to $4 per 100; of these the stock is quite plentiful and of good quality. Beauties are still scarce and only the first quality are in demand at $3 and $4 per doz. Quite a number of short-stemmed ones are coming in, but they sell at about the same price as other roses.

Carnations, too, are plentiful and of good quality. Good long-stemmed stock is offered at $1, and fancy at from $1.50 to $3. While nearly all varieties sell well, white has the call.

Violets have taken a decided tumble. A few good lots still bring 35 cents per 100, but the bulk sell for 20 cents, or $1.50 per 1,000. The growers of Kirkwood are still picking some very fine blooms.

Bulb stock is a great glut and prices are down to almost nothing; tulips are fine; so are valley, hyacinths and daffs. Harrisii and callas are becoming more plentiful each day. Prices on this stock can hardly be quoted, as you can buy them at about your own price.

Various Items.

From present prospects quite a number of new greenhouses will be put up this coming summer. Several of our growers have already made preparations for extensive additions and alterations to their respective plants.

Mr. Nelson, one of the horticultural commission to the Pan-American Exposition, is in St. Louis completing arrangements for the Missouri horticultural exhibit. He was here a few days ago and examined over 150 barrels of Missouri Ben Davis apples, now in cold storage, and which he pronounced to be in most excellent condition. Mr. Nelson said: "We have in Buffalo 200 barrels and in St. Louis 152 barrels of Ben Davis apples. They are the pick of over 17,000 barrels which my sons and I grew near our home in Lebanon. The apples run about 250 to a barrel, while the average commercial apples run about 350 to 400. About April 15 the apples will be unpacked, unwrapped and sorted for specks. When repacked, they will be sent to Buffalo, where they will go into cold storage on the grounds.

"We feel confident that the exhibit will do much good for Missouri. The space is next to California and as select as we could ask for. The only fruits which Missouri need feel any fear of losing medals and diplomas on are pears and quinces. These New York will win, but on apples Missouri will carry off more medals and diplomas than any other two states that will make exhibitions. Owing to the fact that the legislature has provided no fund for the preparation of the exhibit I furnish the money."

Don't forget the club meeting next Thursday, March 14. There will be plenty of mixed flowers on hand and those who fail to come will miss an interesting afternoon.

Richard Frow is now cutting some of the very best carnations that come to this market.

Riessen Floral Company, on Broadway, reports an excellent business since Lent began, and have a few good orders ahead during Lent.

Bowling.

The February series of games ended last Monday night. Kuehn won both medals. The scores were as follows:

	N. G.	Total.	Av.	H. S.
C. A. Kuehn	10	1,756	.175	.210
J. J. Beneke	10	1,575	.158	.192
C. C. Sanders	6	985	.147	.175
J. W. Kunz	13	1,802	.139	.167
Will Adels	14	1,921	.137	.179
F. C. Weber	14	1,863	.135	.156
John Young	12	1,562	.120	.165
F. M. Ellis	12	1,389	.116	.145
Theo. Miller	6	620	.103	.137

The Florists' Bowling Club passed a very enjoyable evening Monday night and the ladies, too, seemed to enjoy the sport very much. The members rolled two games with the ladies as spectators, after which they joined in the sport, rolling a game of duck pins. Refreshments were served and everybody seemed to have had a jolly time.

Those present were: Mr. and Mrs. John Young, Mr. and Mrs. F. C. Weber, Mr. and Mrs. John Kunz, Mr. and Mrs. Guy of Belleville, Mr. and Mrs. Henry Berning, Mr. and Mrs. Frank Ellis, Mr. and Mrs. J. J. Beneke, Miss Dora Weber, Miss Gusoky, Charlie Kuehn, Arthur Ellison and Will Adels.

The scores of the two games rolled by the members were:

	1.	2.	Total.	Ave.
J. J. Beneke	195	194	389	194
Will Adels	162	149	311	155
C. A. Kuehn	166	122	288	144
F. C. Weber	161	119	280	140
J. W. Kunz	156	118	274	137
A. Y. Ellison	128	135	263	131
John Young	131	125	256	128
E. W. Guy	123	125	253	122
F. M. Ellis	130	102	232	116
H. G. Berning	...	103	103	103

The scores rolled by all present were as follows:

THE REVIEWS.		THE FLORISTS.	
John Young	58	Charlie Kuehn	65
Mrs. Weber	52	Mrs. Young	36
J. J. Beneke	68	E. W. Guy	59
Mrs. Kunz	38	Mrs. Beneke	37
Will Adels	48	John Kunz	44
Mrs. Berning	32	Mrs. Guy	49
Frank Ellis	60	Henry Berning	55
Miss Webe	34	Mrs. Ellis	37
F. C. Weber	74	Miss Gusoky	37
Total	461	Total	400

J. J. B.

BUFFALO.

Pan-American Exposition.

In a little less than eight weeks the gates of the Pan-American Exposition will be thrown open to the public. The question is asked repeatedly, "Will it be ready?" The writer has never seen other expositions till the season was well advanced and all was neatness and order, but from what visitors and those connected with other expositions say we are much in advance, and, with the exception of the finishing touch of grass immediately surrounding the large buildings, all will be complete. The buildings are practically all finished. Nearly all of them have their last coat of paint, and the shades and tints of color that adorn the Machinery Building, the Liberal Arts, Electricity, Horticulture and other noble buildings cannot be described, unless by an artist second only to the master who laid them on. The coloring of the buildings is one of the charms of the exposition, and when lighted by thousands of electric lights, as was the Agriculture Building a few nights ago, the effect is entrancing beyond my feeble powers of description.

The great bridge between the approach and the Grand Esplanade, beneath which is the marvelous Grotto covering about two acres and connecting the east and west Mirror Lakes, is near completion. From each corner there arises a tower 100 feet high elaborately adorned with statuary and from which at night a thousand electric lights will shine.

The statuary on the exterior of the buildings is another feature which was never before attempted on such an elaborate scale, and not only on the buildings but in the many courts and fountain basins the groups of statuary give the grounds a magnificent appearance. Some five hundred vases, most of them three feet in diameter, are being made on the grounds from the material known as "staff." These will be used near many of the buildings and the Court of Fountains. They will be filled by the Landscape Department, some with specimen palms and others with flowering plants and drooping vines. The two large aquatic basins, each 125 feet in diameter, one just south of the Machinery Building and the other in a corresponding position in front of the Liberal Arts Building, are not only grandly situated as an adornment to the general plan, but are in a warm and sheltered spot. The Victoria Regia and tender nymphaeas are being raised in one of the conservatories so that strong plants can be ready for the basins by the middle of May.

The Department of Works is at this moment receiving carloads of trees, which are being put in place and everything that can possibly be done now is being done. We have seen seasons (notably that of two years ago) when winter was gone by the 10th of March. If we should be so blessed this spring then the Pan-American will be most assuredly complete in every detail on the opening day. If spring is a month later, as it often is here, then you must give us ten days' extra time to cover every necessary spot with the pleasing grass which soothes the eye and covers such a multitude of sins.

The winter here has been the most favorable for trees and shrubs and hardy plants and bulbs that we can remember. Scarcely a night below zero, but moderately steady cold and with an overcoat of snow of about eighteen inches that has kept everything well protected. W. S.

AMERICAN ROSE SOCIETY.

The second annual exhibition of the American Rose Society will be held in the Waldorf-Astoria Hotel, New York City, March 19, 20 and 21. Full details, including copies of the premium list and a plan of the exhibition hall, may be had by addressing the secretary, Mr. Leonard Barron, 136 Liberty street, New York.

A report seems to prevail that the above society will hold a convention in connection with the Pan-American Exposition, and in consequence Mr. Leonard Barron, the secretary, has received an unnecessary lot of correspondence. The Pan-American management intend to hold an exhibition of tender roses in May and of hardy roses in June, but not in any way connected with the American Rose Society, and we have heard of no convention of the society being held here. We trust that your readers and those interested in the Rose Society will notice this and cease bothering Mr. Barron.

William Scott.

CORRECTION.

It seems we were in error in stating that the carnation basket illustrated in last issue was entered at the Baltimore show by Mr. Peter Fisher. Mr. Fisher's entry, with which he won the silver cup, was a vase of 100 Lawson carnation blooms arranged with asparagus. And there were three entries instead of one. In addition to Mr. Fisher's vase and the carnation basket illustrated, Mr. Robert Kift of Philadelphia entered his decorated mirror in this class.

Bargains in... Palms

A few thousand to clear for cash
AT REED LETTER PRICES UNTIL SOLD.

LATANIA BORBONICA, from 3-inch pots, $30.00 per thousand.
" " from 4-inch pots, 80.00 "
KENTIA BELMOREANA, from 2¼-inch pots, 50.00 "
KENTIA FORSTERIANA, from 3½-inch pots, 12.50 per hundred.

All ready for shift to larger pots. 250 at thousand rates.

The Harms' Park Floral Co.

Berteau Ave. near Western Ave., CHICAGO.

Mention The Review when you write.

NOVELTIES

OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1899 varieties. This year's leader is our new dwarf "Little Pink." No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. "Clyde" is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's New Carnations, also standard sorts.

Send for our descriptive price list, which also tells you something of the best Garden Wheel Hoe on earth.

W. E. HALL, CLYDE, O.

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WATER LILIES

We are Headquarters for Water Lilies and Aquatic Plants of All Kinds

Intending planters will gain a long start and early blooms by procuring dormant tubers of the tender Nymphæas now, and starting same indoors, thus securing strong plants for planting at proper season, and also save the expense of heavy express charges. We shall be pleased to furnish estimates and offer practical suggestions to those intending planting either large or small ponds.

SOW NOW seeds of Victorias, Nelumbiums and Nymphæas.

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA.

Mention The Review when you write

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Florist; working foreman; roses, carnations, mums, etc.; must be good manager, capable of handling men; be able to furnish very best references from former employer as to ability, etc.; only first-class man need apply; moderate size place in Phila.; good wages with tenant house. Address Phila. care Florists' Review.

WANTED—Young man, who has had experience in growing general nursery stock and jobbing gardening; must be sober and industrious, with good references; steady position; annual increase in wages; state wages wanted, with board. State Nursery Co., Helena, Mont.

WANTED—As our foreman is going into business for himself, we want another man. Stuart & Haugh, Anderson, Ind.

WANTED—Partner, in well established nursery doing a wholesale business; have stock ready for season's planting; florist or nurseryman of ability will find this a rare opportunity; state experience. The Cassel Nursery Co., Covington, Ohio.

WANTED—For Illinois, an American boy in his teens that would like to learn the floral business; a steady job with board and lodging and a fair salary; must be strictly temperate; state wages expected. Address I, care Florists' Review.

WANTED—To sell whole or half interest in greenhouse of 1000 square feet; good town of 3000; good territory; place in good location; write for particulars. Walter Bollet, Ponca City, O. T.

SITUATION WANTED—As a good all 'round florist growing roses, carnations, etc.; capable of taking full charge; single; 21 years' experience. Address N, care Florists' Review.

SITUATION WANTED—By young man, age 22; 7 years' experience in general greenhouse work; private or commercial. Address W. J. E., 1806 Beard street, Louisville, Ky.

SITUATION WANTED—By florist and gardener, 6 years in present job; well recommended; life experience; English; married; age 37; commercial or private. Address A. Castell, Sillery Nurseries, Bergerville, Quebec, Canada.

SITUATION WANTED—By superintendent or nursery manager, with sufficient executive ability to handle large interests; have expert knowledge of propagating fruit trees and plants, and understand most economic methods in nursery work; can begin work April 1st. Address Lock Box 663, Covington, Ohio.

SITUATION WANTED—By thoroughly experienced cut flower grower; 14 years in this country; single; references. Address K, care Florists' Review.

WANTED—A good, bright lad, 18 or 19, that has had experience in flower store. Answer, with reference, K, care of Florists' Review.

FOR SALE—Some extra good second hand 3-inch pipe at 6c per foot; also some 4-inch; guaranteed sound. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—The undersigned will be open March 1st for a position as grower of violets, carnations, mums and roses, or as plantsman; am an expert at the propagating bench and first class as a designer and all-around man; first-class manager of men; will only accept a place that is first-class and modern; references exchanged. Hustler, care Florists' Review.

SITUATION WANTED—By a first-class grower of roses, carnations, mums and violets; reference; married; give full particulars. Address R. F., care of John S. Martin, Neffsville, Lancaster Co., Pa.

FOR SALE—Five lots and 10,000 feet of glass in Chicago: houses well stocked with carnations, roses and general pot plant stuff; steam heat; four acres of adjoining land rent free. Address J. A. C., care Florists' Review.

WANTED—Assistant in Greenhouse with some experience. German or Scandinavian preferred. Must be temperate and trustworthy. Anders Rasmussen, New Albany, Ind.

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WANTED—Steam or hot water boiler to heat a greenhouse 20x150 feet, new or second hand; also price on glass 12x18. Catalogue of ventilating apparatus. H. Glenn Fleming, 819 Locust Avenue, Fairmont, W. V.

WANTED—Wholesale catalogues of seedsmen, florists and nurserymen and florists' supplies. Address T. J. Noll, 412 Main Street, Joplin, Mo.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

WANTED—Ten gardeners accustomed to tree planting during April and May. Wages, $12.00 per week. Apply by letter now. Address Fair Oaks Nursery, Oak Park, Ill.

WANTED—Carnation grower to begin 1st of June, must be strictly first class and one who has made a specialty and success of carnation growing. Apply, stating terms and references, to The H. Dale Estate, Brampton, Canada.

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4 ft. by 12 ft. horizontal steam or hot water tubular boiler; has 34 3-inch heavy new tubes, 12-inch Ericsson hot air pump, 1½-inch discharge, 10 h. p. Harrison steam boiler, 2,200 feet 4-inch cast iron pipe (6c per ft.), elbows, tees, etc.

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GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Brunnti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties X X strong, 2½-in., $2.50 per 100.

VERBENAS SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2-in. and 2½-in., strong healthy plants, green as grass, full of cuttings, $1.50 per 100; $12.50 per 1000. Rooted cuttings, big ones, as clean as a whistle, 60c per 100; $5.00 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100; $7.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cuttings, $1.00 per 100. Louise Bonnet, latest novelty in white, and Princess Pauline, latest blue, strong 2½ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

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We offer for the spring trade a full assortment of **Fruit Trees, Small Fruits, Shade Trees, Evergreens, Shrubbery and Hedge Plants.** A large stock of **Kieffer Pear** and **York Imperial Apple,** first class and medium.

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1000 3-in. Tomato Plants in bud, Beauty, Lorrillard and Stone's Best-of-all; extra fine, strong plants, per 100, $2.00. Dwarf, Champion, Mayflower, Sutton's, Beauty, from flats, 15c per 100; $1.25 per 1000. Lorrillard, transplanted, 30c per 100. **Lettuce**—Silver Ball, 15c per 100; $1.00 per 1000. 200 3-in. **Cineraria,** finest strain, strong plants, $2.50 per 100. 2-in **Smilax,** $1.00 per 100.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

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PLANTS FOR EASTER.

Azaleas, large plants full of buds, 50c to 75c each; Hydrangeas, 10c a bud; Cinerarias, 3-in., $1.50 per doz.; Cyclamens, 4-in., $1.25 per doz.; Genistas, 4-in., $2.00 per doz. Primroses, 4-in., $1.00 per doz.; Hyacinths, 1st size, $1.50 per doz.; 2nd size, $1.00 per doz.; Primroses, Obconica, $1.00 per doz.; Crimson Ramblers, well budded, 50c to $1.00 each; Pansies, large transplanted plants, best strain, 50c per 100, $3.50 per 1000; Mammoth Verbenas, large plants from soil, 50c per 100, $4.00 per 1000; Marguerite Carnations, mixed colors from flats, $1.50 per 100. **WHITTON & SONS, City and Green Streets, Utica, N. Y.**

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THE FLORISTS' MANUAL,
A Reference Book for Commercial Florists

THRIPS.

In reading Mr. E. Buettner's interesting talk on mignonette, published on page 382 of The Review of Feb. 21, I see he is anxious to learn of a remedy for thrips, and I have heard of many other growers who complained about the ravages of this pest.

I have found Gishurst compound an effective remedy and suggest that this be employed. It is an old English insecticide and it can be had from any of the large seedsmen or supply dealers.

A few years ago I had a bench of chrysanthemums that were brown with thrips in July. I used Gishurst compound as per directions on the package, syringing up one side and down the same, giving only one application, and the growth from that time on was clean and strong and all that could be desired. If it is so effective on chrysanthemums it will surely kill the thrips on mignonette, especially if applied before the latter is in bloom.

Thrips are also very annoying on roses, as most growers well know, and especially on carried-over stock. The insects work down into the buds and it is very difficult to eradicate them. Were Gishurst compound applied at the pruning season I think the plants would be very little troubled by the pest afterwards. Some growers claim that fumigating strongly with tobacco stems is very effective. I have not found it so, but Gishurst compound makes clean work.

W. K.

Auburndale, Mass.—F. W. Fletcher & Co. succeeded to the business of the firm of Freeman & Fletcher, Jan. 1 last.

Muncie, Ind.—George F. Miller, the florist, died Feb. 8 of consumption, aged 43 years. He was at one time in the employ of florists in Louisville, Ky., and was later with A. Wiegand, Indianapolis, Ind. In 1876 he came to Muncie and in 1883 started in business for himself, which he continued till the time of his death. He leaves a widow and five children, and a host of friends. Mrs. Miller will continue the business and has engaged Mr. C. C. Clark to look after it.

Spokane, Wash.—E. J. Webster, president of the Fairmount Cemetery Co., is planning to erect a greenhouse in the cemetery.

Minneapolis, Minn.—J. P. Stockdale, the florist, died at his home in this city Feb. 20, aged 56 years. He had been in poor health for the past ten years.

Gibson City, Ill.—The Swan Peterson Floral Co. has been incorporated with a capital stock of $30,000. Mr. Swan Peterson holds one-third of the capital stock.

Bowling Green, Ohio.—James Marshall has leased his greenhouse to Mrs. Geo. Mercer for a term of three years.

Asparagus P. N.

2-inch, $3.00 per 100; $25 00 per 1000.
3-inch, $5.00 " $40.00 per 1000.
Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $1 00 per 100.
Terms Cash.
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CUT FLOWERS.
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Best Brides and Maids	$6.00 to	$8.00 per 100
Good " "	5.00 to	6.00 "
Perles	4.00 to	5.00 "
Meteors	6.00 to	8.00 "
Roses, our selection		4.00 "
American Beauties—		
Long	5.00 to	6.00 per doz.
Medium	3.00 to	4.00 "
Short	1.25 to	2.00 "
Callas and Harrisii	1.50 to	2.00 "

Carnations, fancy	$3.00 to	$4.00 per 100
" fine	1.50 to	2.00 "
" our selection		1.25 "
Smilax	1.50 to	2.00 per doz.
Ferns, Adiantum	1.00 to	1.25 per 100
" Common	1.50 to	2.00 per 1000
Galax Leaves		1.50 "
Lily of the Valley	2.00 to	5.00 per 100
Roman Hyacinths	3.00 to	3.50 "
Violets	40 to	1.00 "
Paper White	2.00 to	3.00 "
Asparagus		60c per string
Leucothoe Sprays		75c per 100
Tulips	$3.00 to	$5.00 per 100
Daffodils	3.00 to	4.00 "
Freesia	3.00 to	4.00 "

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Healthy Plants Grown from Grafted Stock Cuttings.

Strong well established plants from 2½-inch pots, READY FOR SHIPMENT MAY 1st.

Bride, Bridesmaid and Golden Gate
At $3.00 per 100.

Place your orders at once and choice stock will be reserved for you.

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Ficus, 6 in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Latanias, 7-in pots, 1 plant to pot, 2 to 2½ ft. in height and diameter, 8 and 9 leaves, $12.00 per doz. Latanias, 8-in pots, 1 plant to pot, 2½ to 3 ft. height and diameter, 9 to 10 leaves, $15.00 per doz. Latanias, 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. height and diameter, 12 to 14 leaves, $24.00 per doz. Kentia, 6-in pots, 1 plant to pot 3½ ft. in height, $18.00 per doz. Areca. 8-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $4.00 per plant.

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CARNATIONS. R. C. and 2-in., Bradt, Crocker, Joost and McGowan.

R. C. Coleus. Mixed Verschaffeltii, Golden Bedder, Yellow Queen, etc., etc.

English Ivy, 2½, 3 and 4-in. pots, fine.

GERANIUMS. Red, White, Pink, in 3-in.

SPECIAL IN WOOTTON ROSES. If you are interested in having a fine lot of Roses for summer, order our 2½-in. stock ready to put in beds.

A few thousand Sprengeri ready for 2-inch pots.

BOSTON FERNS.

Do you want to make some money for Easter? Then write Geo. A. Kuhl, Pekin, Ill., about those 4, 5, 6 and 7-in. Bostons he has. They are ready for a shift and will make you money as well as a fine display at Easter time.

GEO. A. KUHL, PEKIN, ILL.

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PANSIES AND VERBENAS.

Pansies—Fine transplanted plants of Bugnots, Casslers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—Grant, Red Bruant, Pink and La Favorite, 2½-inch $2.00 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 3-in., $3.00 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

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DENVER, COLO.

Lent has made little difference in business, and the past week it has been quite good. With beautiful weather, flowers have come in pretty fast, particularly carnations and violets.

Plenty of bulbous stock is seen, and of good quality, which meets with fair demand. Good pans of tulips and daffs sell readily. The market is well stocked with good flowering plants and the demand for them is quite satisfactory. I noticed yesterday a fine lot of the true shamrock being grown by the Park Floral Company. They are in 3-inch pots and they are fine little plants, which should prove quite the thing on St. Patrick's day. They were grown by a German and though he hates the Irish, he was true to his dear little shamrock and has them to prefection. But Ben does other stuff equally as well and a look over the place shows some good gardening.

Mr. Valentine is very much better and able to take a short drive occasionally. We expect to see him about as usual in a few days. ROCKY.

THE CROCUS.

Little crocus, well, I swear!
Thought that you
Weren't nearly due
But you are a-smilin' there.

Little crocus, well, I swear!
Thought you'd froze,
Most all your toes,
Say, but you are lookin' fair.

Little crocus, well, I swear!
Who'd thought you,
All pert an' blue,
Would come out an' take th' air.

Little crocus, well, I swear!
Hain't you bold,
In all this cold,
Goodness my! what flowers dare!
ROBERT V. CARR.

Little fool crocus, keep under the heather;
You don't know the way of Cook county weather.

Or come out with a muffler, ear mits and a sweater,
And wait until 'fection time, yes, you had better.
CHICAGOAN.

WATER PRESSURE.

Replying to "Subscriber," the water pressure will depend entirely upon the height of the tank, which will of course govern the height of the connecting pipe. This last should be fully as large as the main that leads into the houses, but it is of no benefit to have it any larger.
M.

ROOTED CUTTINGS.
Verbenas, 25 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var. 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.
Write S. D. BRANT, Clay Center, Kans
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SPECIAL SALE AT SPECIAL PRICE.
Excelsor DWARF PEARL Tuberoses
TO MAKE ROOM FOR SPRING PLANT IMPORTATIONS. Cash with order please.
First Quality, First Size, 4-6 in., per 100, $1.00; per 500, $2.75; per 1000, $4.75; per 2000, $9.00; per 4000, $17.00.
Second Size, 3-4 in. blooming bulbs, per barrel of 1500, $4.00.
Send for Wholesale Price List of Hardy Roses and Spring Flowering Bulbs.
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LOOK on page 391, Florists' Review, Issue of February 21, 1901,
IF IT IS NOT THERE WRITE US WHAT YOU WANT.
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NORWAY MAPLES,
3 to 4 Inches Caliper, 14 to 15 Feet in Height.
We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.
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10,000 Good Pansy Plants,
Price, $1.00 per 1000, f. o. b. express here. Cash with order.
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199 Grant Avenue, Jersey City, N. J.
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Aquilegia, single and double mixed; Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilia Paniculata, $5 per 100. Ready Now. Transplanted stock of Hardy Pinks, 6 varieties, $1.25 per 100 by mail. Primula Veris and Aquilegia Chrysantha, from 2½-in. pots $2.00 per 100. Cash with order please.
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anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.
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Sample and price list mailed on application
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Standard varieties in prime condition for **Easter Flowering.** Place your orders now while the plants can be shipped without danger of a check to flowering.

Fine Bushy Crowns,	5-in. pots,	10 to 12-in. diameter	$ 5.00 per doz.	$ 40.00 per 100
" "	5 and 6 "	12 to 14 "	6.00 "	50.00 "
" "	6 and 7 "	13 to 15 "	9.00 "	70.00 "
" "	7 "	16 to 18 "	15.00 "	110.00 "

Also a grand lot of specimen plants of Mme. Van der Cruysen of exceptionally good value at $7.50, $9.00, $12.50, $15.00 and $25.00 each.

AZALEA MOLLIS.

MISCELLANEOUS PLANTS FOR FORCING.

AZALEA MOLLIS. (Hardy Azalea.) Finely shaped bushy plants, 12 to 15 inches high, full of buds, $4.50 per dozen, $35.00 per 100.

DEUTZIA GRACILIS. A fine lot of three-year-old plants, suitable for 7-inch pots, very bushy, $1.00 per dozen, $8.00 per 100.

DEUTZIA GRACILIS ROSEA. Identical with D. Gracilis except that the flowers are fully twice as large and are suffused with a delicate rosy tint, just sufficient to relieve the dead white which is objectionable in the type. A limited lot of strong one-year-old plants, $2.00 per dozen, $15.00 per 100.

DEUTZIA LEMOINEI. This is now a standard variety with pure white flowers fully three times as large as Gracilis. Strong one-year-old plants, suitable for 6-inch pots, 75c per dozen, $5.00 per 100.

RHODODENDRONS FOR FORCING. Fine bushy plants, well set with buds, in fine condition for Easter flowering.

12 to 15 inches high	$ 7.50 per dozen,	$ 60.00 per 100
15 to 18 "	9.00 "	70.00 "
18 to 20 "	12.00 "	100.00 "
20 to 24 "	15.00 "	125.00 "
24 to 30 "	24.00 "	

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA.

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A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

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Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.

Alternantheras, red and yellow, 60c per 100; $5.00 per 1000.

Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet, white; 60c per 100; $5.00 per 1000.

Heliotropes, 10 best varieties, all named, 70c per 100; $5.0 per 1000.

Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.

Verbena plants, 8 ong, full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000.

Heliotrope, 2¼-in., strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. THAT CASH, PLEASE.

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2d " 6 to 9 " ..... 2.00 per 100

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	Per 100.
Alternantheras.....yellow **$1.50**; red, **$1.75**	
Geraniums, my selection, 2½-in. pots.....	2.50
Coleus Mix—Blue Ageratum, 2-in. pots.....	1.50
Asparagus Sprengeri, 2-in. pots.....	1.75
Vinca Harrison Vine, 2-in. pots.....	2.00
100 Asparagus Plumosus, 2-in. pots.....	2.50
Verbenas, 2-in. pots.....	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write

Flowering Plants.

	Per 100
Ageratum Princess Pauline...2-in.,	$2.00
White Paris Daisy..... "	2.00
Geranium, Double Red..... "	2.00
Heliotrope..... "	2.00
Abutilon, Trailing..... "	3.00
Tradescantia, several sorts... "	2.00
Alyssum, Double Giant..... "	2.00

Over 100,000 Herbaceous Plants.

CASH PLEASE.

EDWARD B. JACKSON,

STAMFORD, CONN.

Mention The Review when you write

Austria Canna.

Growing roots from out-doors.

Per 100, 75c; per 500, $3.00; per 1000, $5.00 These are fine for Early Sales.

Cane Stakes, 6 to 8 feet, $3.00 per 1000
5 to 6 feet, 2.00 "

C. S. TAIT, BRUNSWICK, GA.

HELIOTROPE, 2¼-in.....$2.00 per 100.
DAISIES. White and Yellow, 2¼-in., 1.50 per 100.
AGERATUM, Princess Pauline, 2¼-in., 1.50 per 100.
Will make fine plants for Easter.

J. W. MILLER, HATTON, PA.

Mention The Review when you write

Burpee's Seeds Grow

TARRYTOWN, N Y.

The Tarrytown Horticultural Society held its regular monthly meeting Feb. 28, with President Smith in the chair and thirty members present. Reports were made by the members who attended the annual supper of the Dutchess County Horticultural Society and the Westchester County Gardeners' Association; they all enjoyed a most pleasant time.

The committee reported progress on the schedules for next fall's exhibition, and hope to have them ready for our next meeting. President Smith was pleased to notice the exhibits on the table, and said he hoped it would be the same at every meeting. Mr. Turner, Rockwood Hall, had, as usual, a well-finished lot of carnation "Marquis," for which the society awarded a certificate of merit. Mr. J. Bradley, gardener to H. Ladenburg, Esq., Hastings, N. Y., honorable mention for violets Marie Louise and California. Mr. F. Gibson, gardener to Mrs. Hale, Tarrytown, the same award for sprays of Begonia Souv. de Francois Gaulain and violets. L. A. Martin, gardener to C. C. Worthington, Esq., Irvington, N. Y., certificate of merit for a bunch of mignonette in three varieties, and honorable mention for violets Lady Hume Campbell.

Our essayists came out strong, as we had two essays read—Mr. William Scott, gardener to J. Eastman, Esq., Tarrytown, N. Y., on "Lettuce," and L. A. Martin on "Mignonette." Mr. Scott's essay is sent herewith. In the discussion that followed Mr. Turner said that he agreed with Mr. Scott's methods, but has found that 45 degrees at night is better than 40 degrees, and that Thorburn's "Glass House" matures earlier with him than any other variety. It is hoped that such practical and interesting subjects will be discussed oftener.

Mr. J. Bradley will lead the discussoin on violets at the next meeting.

Two new members were elected: Mr. A. Grierson, gardener to Hicks Arnold, Esq., Rye, N. Y., and Mr. William Smith, gardener to Robert Mallory, Esq., Portchester, N. Y. There is quite a change going on about here, and we shall lose some of our members shortly; they will have the best wishes of the society.

L. A. Martin.

SOCIETY OF AMERICAN FLORISTS.

Plant Registration.

D. T. Connor, of Philadelphia, Pa., registers new rose "Four Hundred," a sport from American Beauty of the same general characteristics but deeper and more constant in color. Most of the growth is almost thornless; foliage a lighter green than that of American Beauty.

Wm. J. Stewart, Secretary.

Billerica, Mass.—The firm of Phillips & Dodge, consisting of W. C. Phillips and G. H. Dodge, has been dissolved and each will in future conduct his business separately under his own name. As each partner owned separate ranges of green houses on adjacent land the dissolution was readily effected.

Englewood, N. J.—W. Stuppe is no longer here and mail addressed to him is returned to writers with the indorsement "Unclaimed."

COLD STORAGE

LILY OF THE VALLEY

For Easter Flowering.

We have in cold storage, thoroughly frozen, a limited quantity of good quality pips, just right for Easter flowering. Takes three weeks to bring it into bloom.

PRICE:
$10.00 per case of 1000 pips.

ALSO ON HAND A LARGE STOCK OF

AZALEAS

JUST RIGHT FOR EASTER.

Size pot.	Diameter.	Doz.	100
5-in..	10 to 12-in..	$3.00	$ 40.00
5 and 6-in..	12 to 14-in..	6.00	50.00
6 and 7-in..	15 to 15-in..	9.00	70.00
7-in..	16 to 18-in..	15.00	110.00

Henry A. Dreer,
714 Chestnut St.,
PHILADELPHIA, PA.

Mention The Review when you write.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Inc....	$7.00	$60.00	Crocker	$3.00	$25.00	Frances Joost....	$1.00	$9.00
Guardian Angel.....	6.00	50.00	Peru.....	2.50	20.00	Cerise Queen.....	1.00	9.00
Sunbeam	10.00	75.00	Crane.....	2.50	20.00	Gov. Griggs.....	1.00	9.00
Bon Homme Richard.	10.00	75.00	America.....	2.50	20.00	Melba.....	1.00	9.00
Nydia.....	10.00	75.00	Mrs. Bradt....	2.50	20.00	Armazindy.....	1.00	9.00
Prolifica	10.00	75.00	Triumph.....	1.00	9.00	White Cloud.....	1.25	10.00
Irene	10.00	75.00	John Young....	1.50	12.50	Hill	1.00	9.00
Mrs. Lawson.....	6.00	55.00	Argyle.....	1.00	9.00	McGowan.....	1.00	7.50
Marquis	4.00	35.00	Evanston....	1.00	9.00	Evelina.....	1.00	7.50
Genevieve Lord.....	4.00	35.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid.....	$1.50	$12.50	Golden Gate..	$1.50	$12.50	Perle.....	$1.50	$12.50
Bride.....	1.50	12.50	Meteor.....	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty.....	$12.00	$100.00	Bride..	$3.00	$25.00	Golden Gate.....	$3.00	$25.00
Bridesmaid....	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle.....	$3.00 per 100; $25.00 per 1000				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

Chrysanthemums.

STRONG ROOTED CUTTINGS READY APRIL 1st.

EARLY SORTS:
Bergmann, white; Rose Owen, pink; Yellow Monarch. $1.50 per 100.

MID-SEASON VARIETIES:
Mrs. H. Robinson, white; Mrs. Murdock, pink, $1.50 per 100; Mrs. W. H. Weeks, white; Australian Gold, yellow. $1.00 per 100.

FOR THANKSGIVING TRADE:
Golden Wedding, Philadelphia, Mrs. Jerome Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100.

FOR CHRISTMAS BLOOMING:
H. W. Rieman, yellow; The Harriott, pink; Yanoma, white, $2.00 per 100.

L. L. MAY & CO., St. Paul, Minn.

Mention The Review when you write.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

BRUSSEL'S SPROUTS.—25 cts. per 100.
CAULIFLOWER.—35 cts. per 100.
CABBAGE.—In variety 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

FANCY CARNATIONS

We offer choice Rooted Cuttings, first-class in every way. The Quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Ethel Crocker	$2.50	$20
Mrs. Thos. W. Lawson	$7.00	$60.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00

RED.	Per 100	Per 1000
G. H. Crane	$5.00	$45.00
America	3.00	25.00
MAROON.		
Gen. Maceo	2.00	15.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings.

Brides, Bridesmaids and Meteors, $1.50 per 100.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florist's Price List, issued every week.

...BASSETT & WASHBURN

STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

Mention The Review when you write.

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,
CORFU, Genesee Co., N. Y.

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred $90.00 per thousand.

C. BESOLD,
MINEOLA, L. I., N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small Roots or Sets, 50c per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write

Norway

The Queen of Commercial White Carnations. Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until April 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment for cuttings delivered in April.

Egypt

A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10 00 per 100; $75.00 per 1000.

Genevieve Lord

The Greatest Money Making Pink. A friend to the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. $5.00 per 100, $50.00 per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each, $5.00 per doz., $30.00 per 100.

Complete list of other Novelties and Standard Varieties. Catalogue ready; write for it.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ROOTED CUTTINGS of the Grand New Pink Carnation ...GUARDIAN ANGEL.

It has Strong Stems and is a Very Free Bloomer and a MONEY-MAKER in every sense of the word.

Note our low price, $4.00 per 100, $35.00 per 1000.

Send for our list of other varieties.

HOLTON & HUNKEL CO., - - MILWAUKEE, WIS.

Mention The Review when you write.

CARNATIONS.

Well Rooted Cuttings from Sand or Soil.

Ethel Crocker	per 100,	$3.00	per 1000,	$25.00
White Cloud	"	1.75	"	15.00
Flora Hill	"	1.75	"	15.00
Triumph	"	1.75	"	15 00
Mrs. James Dean	"	1.00	"	9 00
Mayor Pingree	"	1.00	"	8.00
Wm. Scott	"	1.00	"	8 00

A few thousand of the above from 2½-in. pots. Write for prices. Cash with order.

C. AKEHURST & SON, White Marsh, Md.

Always Mention the.... Florists' Review When Writing Advertisers.

SUGAR MAPLES.

Nice trees, 4 to 5 ft., branched.....100, $4; 1000, $30
" 5 to 6 ft., " 100, $6; 1000, $50

Linnæus Rhubarb, good crowns, $1 50 per 100.

Hemerocal is (yellow fragrant Day Lily), 3 varieties, earliest, medium and latest, 100, $3; 1000, $25

Oxalis, 4 best bedding varieties, distinct colors, nam. d, 60c to $1 per 1000.

E. Y. TEAS, Green's Fork, Ind.

Mention The Review when you write.

Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.25; in 10 bbl. lots, $2.00 per bbl. Can ship any time.

DAVIS BROS., - - - MORRISON, ILL.

Mention The Review when you write.

THE LARGEST FANCY CARNATION. Ready March 1st.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant $0 50	50 Plants $10 00	500 Plants ..... $ 70 00
12 Plants 5 00	100 " 16 00	750 " 101 25
25 " 8 25	250 " 37 50	1000 " 130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., Flatbush, N. Y.

Mention The Review when you write.

COLUMBUS, OHIO.

Trade has been very brisk for the past month with plenty of funeral work. Bulbous stock coming on more plentiful.

Mr. S. F. Stephens' houses were a ray of beauty the past two weeks.

The houses of E. L. Charles, which show up well from the street, were very attractive last week.

Mr. Coursy has everything looking fine, with prospects good for Easter.

The la grippe has been playing havoc among the florists, the ones caught by it are: Mr. Ray, Mr. Gus Drobish, Mr. M. Evans, Mr. Davie, Mrs. E. L. Charles and daughters and Mrs. S. F. Stephens.

C. A. Roth, who conducts a cut flower store at the corner of High and Broad streets, was arrested last Saturday morning on a warrant sworn to by O. D. Tatje, charging assault on his son. The assault is alleged to have occurred Friday evening, when young Tatje stopped on the above corner to transfer from one car to another, when Roth came out and rudely ordered him off the corner, pointing to a sign "No loafing here," which is posted in his window. He even went so far as to push him into the gutter. Roth was brought before the justice and his bond was fixed at $50 for his appearance March 6. G. E. A.

CHESTNUT HILL, PA.

Tuesday evening, March 12th, will be carnation night at the Chestnut Hill Horticultural Society. At that time we expect a good exhibit and a paper will be read by Mr. Wm. Kleinheintz, gardener to P. A. B. Widener. Mr. Kleinheintz is the most successful carnation grower in this section, and the fact that he is to present this paper will undoubtedly secure a large attendance.

J. Howes Humphreys.

A GOOD DRUMMER.

Mr. C. Lawritzen, Rhinebeck, N. Y., writes under date of March 4: "Please drop my advertisement, as I have no more plants at present. The Review is a good drummer. It sells plants quicker than any other trade paper we have in the country. You will hear from me again soon."

Corry, Pa.— Last summer Mrs. S. L. Stebbins built a house for roses and carnations, size 20x100. She reports trade good. One florist, Miss Rhodes, has retired from business and the greenhouses have been torn down.

Washington, D. C.—Mr. O. A. C. Oehmler, formerly of New York, has opened a floral store at 821 Fourteenth St., N. W., this city.

We Root 10,000 Carnation Cuttings a Week.

SEE OUR LOW PRICES ON SMALL LOTS.

	Per 100
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeKoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1901	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Mrs. G. M. Bradt, variegated	$2.00
Peru, white, 1900	2.50
Gen. Gomez, red	1.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

5 cuttings at 100 rates.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
Maiden Hair Fern, 2½-in	5.00
New Geranium De Koo Mitting, bas yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud, 3-in	10.00
Alternantheras, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cigar Plant, 2½-in	1.50
California Moss, hanging basket plant, 2½-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Mis Ruppius, flowering, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Vinca, green trailing, 2½-in	1.50
Vinca, green trailing, 6-in	15.00
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Cannas, started plants from strong bulbs, Triumph, Progression, Burbank, A. Bouvier and McKinley, 4-in	2.50
Petunias, choice double mixed, 4-in	5.00
	Per 1000
Pansy Plants, from cold frames, small	$5.00
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rates, 250 at 1000 rates. Cash, or R. C. and Plants will be sent C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

SELECTED ROOTED CUTTINGS

CARNATIONS

	Per 100	Per 1000
The Marquis, rich pink	$5.00	$40.00
Morning Glory, light pink	3.50	30.00
Mrs. Lawson, famous pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Daybreak, flesh	2.00	15.00
Melba, fine pink	2.00	15.00
Mrs. Joost, money maker	2.00	15.00
Wm. Scott, pink	1.00	10.00
White Cloud fine white	1.50	12.50

We would call special attention to MARQUIS which is of unusual excellence.

	Per 100	Per 1000
Flora Hill, large white	$1.50	$12.50
Peru, white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, scarlet	3.00	25.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, variegated	3.00	25.00

Also all Novelties of this Year at Introducers' Prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Carnations.

Strong Rooted Cuttings Ready April 1st.

Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, $2.00 per 100.

G. H. CRANE, $2.50 per 100.

CYPRIPEDIUM ALTERNIFOLIUM, strong, stocky plants, from 2½-in pots, for immediate shipment at $5.00 per 100.

L. L. MAY & CO., St. Paul, Minn.

Mention The Review when you write.

SAY, READ THIS.

Going at mere nothing — 25,000 A No. 1 R. C. of Ethel Crocker at $2.50 per 100; $20.00 per 1000, until sold. All orders amounting to $10.00 or over Express paid to any part of U. S. Have all 1900 Novelties and Standard varieties.

Dana R. Herron, Olean, N. Y.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

March Prices.

Ethel Crocker has been with me all that I claimed for it, but not with some of the growers. If you can get the results I do it will be your best pink and in order to have it tried a second season I offer it free by mail for $2.50 a 100.

Elm City is a white that has given me excellent results, and as it is comparatively unknown I make the same offer with it—free by mail at $2.50 per 100.

Genevieve Lord, Mrs. Lippincott, White Cloud, Bradt, Olympia, Leslie Paul, Gomez and Macoa at reduced prices for March. Send for them.

ALBERT M. HERR, - LANCASTER, PA.

Mention The Review when you write.

On Top—As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

Mention The Review when you write.

For Quick Sale.

Extra fine

Rooted **CARNATION** Cuttings direct from the sand.

Cannot be Beaten in Quality.

Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,

Berteau Ave., near Western Ave., CHICAGO.

For list of Varieties see Classified Advs.

Mention The Review when you write.

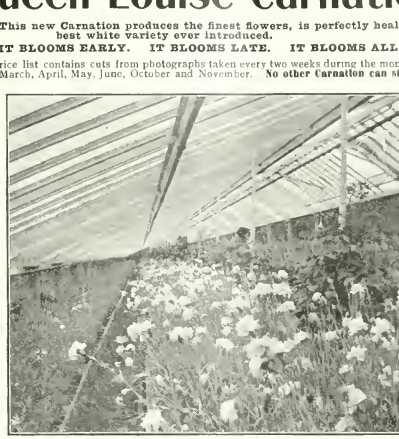
Always mention the Florists' Review when writing advertisers.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**



This cut shows a bed of Queen Louise last Decoration Day.

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

BUSINESS CANDIDATES ELECTED!

WE ARE READY FOR BUSINESS. WHAT'S THE MATTER WITH

OUR CANDIDATES

Roosevelt and Prosperity

The Best Two Carnations in Sight. You can get them at

ORDER EARLY. THE COTTAGE GARDENS, Queens, N. Y.

PRICES: { ROOSEVELT, $12 per 100, $100 per 1000.
PROSPERITY, $16 per 100, $130 per 1000.

Mention The Review when you write.

NEW PINK CARNATION GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready March 1st. Price, **$6.00** per 100; **$50.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand—now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots, Brides and Maids, $3.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROOTED CUTTINGS OF CARNATIONS!

Let us figure on your wants.

CHICAGO CARNATION CO., Joliet, Ill.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderii and triumphans, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Acalypha marginata, 2½-in., $3.00; 3-in., $4.00; 4-in., $6.00 per 100. Nanz & Neuner, Louisville, Ky.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGAVE.

50 or more variegated leaved century plants from 4, 5 and 6-in. pots. Cheap to make room. E. Haentze, Fond du Lac, Wis.

AGERATUM.

Ageratuma Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum Stella Gurney, well-rooted cuttings, $1.50 per 100. Cash with order. Mann Bros., Wholesale Florists, Randolph, Mass.

Ageratum Princess Pauline, 2½-in., $2.00 per 100. Stella Gurney, 2½-in., $3.00. Otis F. Searles, L. B. 288, Nashua, N. H.

Ageratum Princess Pauline, rooted cuttings, 60c per 100, $4.50 per 1000; 2½-in. pots, $2.50 per 100. Jerome Harley, Media, Pa.

Ageratum. Blue, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Alternantheras, red and yellow; stock plants; large, $2.00 per 100; rooted cuttings, 60c per 100, $5.00 per 1,000. Sure to please. Mann Bros., Wholesale Florists, Randolph, Mass.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100. Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Alternantheras, well-rooted cuttings, 50c per 100, $4.00 per 1,000. Davis Bros., Morrison, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1,000. Prepaid. A. J. Baldwin, Newark, Ohio.

ALYSSUM.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100; Dbl. Giant, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Kiehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

AQUATICS.

We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Send in your order now for a copy of the Florists' Manual.

ASPARAGUS.

Plumosus nanus, extra strong, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1,000. Sprengeri, from 2½-in. pots, $2.50 per 100; $20.00 per 1,000. Seedlings, very strong, from seed bed, $1.00 per 100; $7.50 per 1,000. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus plumosus nanus, 3-in. pots, $5.00 per 100; 4-in. fine plants ready for shift, $12.00 per 100. Seed, new crop, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus seed fresh from our own vines. 100 seeds 85c, 500 seeds $4.00, 1,000 to 5,000 at $7.00 per 1,000, 10,000 seeds $60.00, 15,000 seeds $86.00. Cash with order. L. Ullrich, Tiffin, Ohio.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $3.50 per 100; $30.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in. $3.00 per 100, $25.00 per 1,000; 3-in. $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Fresh seeds of Asparagus Sprengeri, of my own growing, 300 for $1.00, $3.00 per 1,000. B. F. Engle, Rochester, Pa.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus seeds, ready to deliver Mar. 15th. $6.00 per 1,000. Cottage Nursery, San Diego, Cal.

A. Sprengeri, strong plants, 2½-in. $3.00, 3-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

A few thousand A. Sprengeri, ready for 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes. A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azaleas, always in bloom, 60c, 75c, $1, $1.25, $1.50, $2, $2.50, $3, $4, $5 and $6 each. Rubbers, 18 to 24 inches high, to sell out cheap, $6 per dozen, $45 per 100. Orders up to $10 add 50c for packing, up to $20 add $1, to $30 $1.50, to $50 $2. Kentias, Latanias, all sizes. Cash with order, please. A. SCHULTHEIS, P. O. Box 78, College Point, L. I.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, 12-in. heads, best varieties, $4.00 per doz. Good & Reese Co., Springfield, Ohio.

BEGONIAS.

Gloire de Lorraine, $15.00 per 100. Light pink Lorraine (Lonsdale's variety), $25.00 per 100. They are sure to be in great demand; let us book your order now for June delivery. N. Smith & Son, Adrian, Mich.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

Ardisia crenulata, 2½, 3 and 4-in. pots; fine stock, $1.00, $1.50 and $2.00 per doz. James M. Lamb, Fayetteville, N. C.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

BULBS.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Excelsior dwarf Pearl tuberoses. First quality, first size, 4-6 in., $1.00 per 100, $2.75 per 500, $4.75 per 1,000, $9.00 per 2,000, $17.50 per 4,000. Second size, 3-4 in., blooming bulbs, per barrel of 1,500, $4.00. Cash with order. Send for wholesale list of spring flowering bulbs. C. H. Joosten, 85 Dey St., New York.

Fancy caladium seedlings from crossing finest named sorts. Mixed; infinite variety, charming novelties; no poor ones. Size 1 to 4 inches across (3 to 12 circ). Delivered free (express prepaid) to any part of U. S. for $6.00 per 100; $55.00 per 1000. Cash with order. T. L. Mead, Oviedo, Fla.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

Choice strain tuberous begonias, single, separate colors, large bulbs, 40c per doz.; $2.50 per 100. Dbl. begonias, 75c per doz.; $5.00 per 100. Caladiums, fancy-leaved, finest named, 50c per doz.; $1.00 per 100. Send for new list. H. H. Berger & Co., 47 Barclay St., New York.

Bessera elegans, Mexico coral drops, $1.00 per 100; $9.00 per 1000. Tigridias, in splendid mixture, $1.00 per 100; $9.00 per 1000. Amaryllis formosissima, monster size, $3.00 per 100; 50c per doz. All orders sent parcels post paid. J. A. McDowell, City of Mexico.

Tuberoses—Elegant dwarf pearl tuberose bulbs, No. 1, 4 to 6 inches, $3.00 per 1,000; No. 2, 3 to 4½ inches, $1.50 per 1,000, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references. L. W. Boney, Wallace, N. C.

Ex. Pearl tuberose, 3 to 4 inches in cir., excellent blooming bulbs, $2.50 per 1,000. Caladium esc., 5 to 7, $10.00 per 1,000. Cash with order. For prices on larger sizes write Jno. F. Croom & Bro., Magnolia, N. C.

Caladium esculentum, 1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

50,000 gloxinias, 100,000 tuberoses and 60,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cold storage Lily of the Valley for Easter flowering. Takes three weeks to bring it into bloom. Per case of 1,000 pips, $10.00. H. A. Dreer, 714 Chestnut St., Philadelphia.

Some fine kinds of fancy leaved caladiums, small and medium sized bulbs, at less than real value. Kinds unexcelled. Address F. J. Ulbricht, Anniston, Ala.

Tuberoses, tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla lilies, blooming bulbs, 75c per doz.; $6.00 per 100. Tuberoses, first-class bulbs, 75c per 100; $6.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Madeira vines, 10,000 at $5.00 and $10.00 per 1,000. Oxalis, 75c per 1,000. Betscher Bros., Canal Dover, Ohio.

First-class Caladium esculentum and fancy leaved sorts. For prices write B. H. Ritter, Fort Royal, S. C.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

Sea onion pips, 25c per 100; $1.75 per 1000. Mrs. M. E. Patterson, Glendale, Cal.

CACTI.

A good variety of home-grown cacti; healthy and good store sellers, 60c per doz.; $5.00 per 100, $40.00 per 1,000. Cash with order. C. Schulze & Son, 25 Kalmia St., Flushing, N. Y.

A great variety of plants, true to name, $2.00 to $3.00 per doz.; small, $1.00 per doz. Epiphyllums, rhipsalis and flagelliformis, 50c per doz. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia japonica, 20 inches high; assorted colors, 60c each; $5.00 per doz. Good & Reese Co., Springfield, Ohio.

CANNAS.

Chas. Henderson, Ex. Crampbel, A. Bouvier, Chicago, Papa, Pres. Cleveland, Pres. McKinley, Paul Marquant, Tarrytown, Pl. Vaughan, Yellow Crozy, S. A. Crozy, Pierson's Premier, Duke of Marlborough, Egandale, Brilliant, Austria, Burbank and others, dry roots, $2.00 per 100; $15.00 per 1,000; potted plants, $4.00 per 100. Seed of the above var., mixed, $1.00 per lb. Cash with order. C. G. Nanz, Owensboro, Ky.

Italia, Queen Charlotte, Chas. Henderson, Mme. Crozy, Florence Vaughan, Austria, Admiral Avellan, Eldorado, Burbank, Sam Trelease, Pres. Cleveland, Pres. McKinley and Sunrise, in 3 eyes, at $2.50 per 100. W. A. Wettlin, Hornellsville, N. Y.

Our list of cannas has been revised and increased. We offer a choice selection. Write us once. W. W. Barnard & Co., 161 Kinzie St., Chicago.

100,000 cannas. Ask for prices on large quantities and our special spring list which will be ready Bobbink & Atkins, Rutherford, N. J.

Cannas, started plants from strong bulbs, 4-in., $2.50 per 100. Seedling cannas, 4 varieties, $1.00 per 100. Morris Floral Co., Morris, Ill.

Austria cannas, growing roots from outdoors, 75c per 100; $5.00 per 1,000. These are fine for early sales. C. S. Talt, Brunswick, Ga.

Cannas. 50,000 dormant and started from seed; 50 best sorts; get our prices. Betscher Bros., Canal Dover, Ohio.

Cannas all the leading varieties well established in pots. $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Cannas. Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

Our collection of novelties and standard varieties is complete. N. Smith & Son, Adrian, Mich.

CAREX.

Carex japonica. Fine large plants, from 3-in. pots, ready to be divided or shifted into 4-in., $2.50 per 100. Must have the room. L. D. Robinson, Jr., Springfield, Mass.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS

	100.	1,000.
Lawson	$5.00	$45.00
Crocker	3.00	25.00
Lord	2.00	25.00
Pera	2.50	20.00
America	2.50	20.00
Bradt	2.50	20.00
Pingree	2.50	20.00
White Cloud	1.50	12.00
Glacier	1.50	12.00
Maceo	1.50	12.00
Mary Wood	1.50	12.00
Daybreak	1.25	10.00
Flora Hill	1.25	10.00
Joost	1.25	10.00
Triumph	1.25	10.00
Scott	1.00	8.00
Albertini	1.00	8.00

10 per cent off for cuttings of above varieties, except Lawson, put in sand after order received. Add ¼ to above prices for 2-in. pot plants. 250 at 1,000 rate. Cash or C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS.	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
The Marquis	6.00	50.00
Estelle	7.00	50.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
Olympia	5.00	40.00
G. H. Crane	3.00	25.00
Mrs. George M. Bradt	3.00	25.00
Gen. Gomez	3.00	25.00
America	3.00	25.00
Chicago	3.00	25.00
Mabel	3.00	25.00
Elsie Ferguson	3.00	25.00
Gold Nugget	3.00	25.00
Pingree	3.00	25.00
Mrs. James Dean	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Genesee	2.00	15.00
John Hinkle	2.00	15.00
Dorothy Sweet	2.00	15.00
Jubilee	2.00	15.00
White Cloud	2.00	15.00
Leslie Paul	2.00	15.00
Gov. Griggs	2.00	15.00
Albertini	2.00	15.00
Dawn	2.00	15.00
Eldorado	2.00	15.00
Melba	2.00	17.00
Victor	1.50	12.50
Daybreak	1.50	12.50
Ivory	1.50	12.50
Flora Hill	1.50	12.50
Cerise Queen	1.50	12.50
Meteor	1.50	12.50
Armazindy	1.50	12.50
Iris Miller	1.50	12.50
Sandusky	1.25	10.00
William Scott	1.25	10.00
Tidal Wave	1.00	8.00
Portia	1.00	8.00
Lizzie McGowan	1.00	8.00
Psyche	1.00	7.50

We offer only choice rooted cuttings, first-class in every respect, true to name, at the 100 rates, 250 at 1,000 rates. Write for catalogue and complete list of carnations and roses, rooted cuttings and in pots. Do you favor our weekly price list? If not, write us; we will place your name on our mailing list.

LAKEVIEW ROSE GARDENS,
Jamestown, N. Y.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Ton Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	2.50	20.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1,000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	5.00	40.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	1.50	12.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

RUSSELL. Again this has proved the most prolific and profitable carnation, giving us so far fully 75 per cent more blooms than Crocker and eight other varieties under same conditions. It never splits its calyx, which Crocker and some others do so badly. After five years' trial, under ordinary culture, it has proved the most profitable and best all-around carnation we ever grew. As large as Scott and of a bright shade of light rose-pink. Strong, well-rooted cuttings now ready at $2.00 per 100; $15.00 per 1,000.

Ethel Crocker, $3.00 per 100. McGowan Sport, $1.50 per 100; $10.00 per 1,000.

CHAS. BLACK, Hightstown, N. J.

ROOTED CARNATION CUTTINGS. Five cuttings at 100 rate.

	Per 100.
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
Deloo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Ton Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1900	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Mrs. G. M. Bradt, variegated	2.50
Peru, white, 1900	2.50
Gen. Gomez, red	1.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 10.00	$60.00
Guardian Angel	6.00	50.00
Sunbeam	10.00	75.00
Ton Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	3.00	25.00
Peru	2.50	20.00
Crane	2.50	20.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Buy your rooted cuttings of carnations from healthy stock. Our plants are free from disease, have been grown cool and not forced in the propagating bench. We offer the following varieties and especially recommend Gen. Gomez. This carnation has proved this year the best crimson yet introduced. It is the Jack of carnations. In the New York market it commands the highest wholesale price.

	100.	1,000.
Gen. Gomez	$5.00	$40.00
Mrs. Thos. W. Lawson	7.00	50.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
G. H. Crane	5.00	40.00
The Marquis	4.00	35.00
Olympia	4.00	35.00
Mrs. Bradt	4.00	35.00
White Cloud	4.00	35.00
Flora Hill	3.00	25.00
Gen. Maceo	3.00	25.00
William Scott (old fashioned, healthy stock)	2.00	15.00

THE OAKLAND ROSE NURSERIES,
John H. Taylor, Prop. Bay Side, N. Y.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

CARNATIONS—Continued.

Strictly first-class carnation cuttings. No stem rot. No rust. No bacteria, and hence no bargain counter. Strictly first-class stock and extremely low prices are not found together. Enough said. We offer you healthy cuttings from healthy plants, properly rooted in light cool houses, carefully packed, at a fair price. What more do you want?

	100.	1,000.
Lawson (April delivery)	$7.00	$60.00
Marquis (April delivery)	5.00	40.00
Crocker (April delivery)	5.00	40.00
Chicago (April delivery)	4.00	30.00
Crane (April delivery)	4.00	30.00
Bradt (April delivery)	3.00	25.00
Macco (April delivery)	3.00	25.00
Gomez	3.00	25.00
Nugget	3.00	20.00
Cloud	2.00	15.00
Flora Hill (April delivery)	2.00	15.00
Joost	2.00	15.00
Mrs. Jas. Dean	2.00	15.00

Rooted cuttings of Meteor Roses, $20.00 per 1,000. High-grade cut blooms of the above and other varieties shipped direct from the greenhouses at market prices. Send for our weekly price list.

Briarcliff Greenhouses, Scarborough, N. Y.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1,000. Mermaid, $6.00 per 100; $50.00 per 1,000. Roosevelt, $12.00 per 100; $100.00 per 1,000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1,000. We are booking orders now for delivery as soon as ready.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1,000; Lawson, $7.00 per 100, $60.00 per 1,000; G. Lord, $6.00 per 100, $50.00 per 1,000. Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1,000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

40,000 carnations, well-rooted and healthy.

	100.	1,000.
Lawson	$5.50	$50.00
Marquis	4.00	35.00
G. Lord	4.00	35.00
Crocker	3.00	25.00
Bradt	2.50	20.00
Crane	2.50	20.00
Maceo	2.50	20.00
Cloud	1.50	12.50
Joost	1.50	12.50
J. Dean	1.50	12.50

Also Asparagus plumosus, ready for pots, $2.00 per 100. Cash with order, please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties

Guardian Angel,	Gen. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo. M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan.

See our display adv. on another page.
THE HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., Chicago.

WELL ROOTED CUTTINGS from the sand. Orders taken now to be delivered March 1.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.60
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.60
Victor	1.60
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	16.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.60	10.00
Mrs. Frances Joost	1.60	12.50
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00

EVENDEN BROS., Williamsport, Pa.

Ethel Crocker has been, with me, all that I claimed for it. In order to have it tried a second season I offer it free by mail for $2.50 per 100. Elm City (white) has given excellent results, free by mail at $2.50 per 100. Lord, Lippincott, White Cloud, Bradt, Olympia, Paul, Gomez and Maceo at reduced prices for March. Albert M. Herr, Lancaster, Pa.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.60	20.00
Jubilee	2.00	15.00
White Cloud	2.00	16.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	6.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	1,000.
William Scott	$ 9.00
Flora Hill	9.00
Merrimac	9.00
Daybreak	9.00
Outcast	9.00
New York	9.00
Sandusky	15.00
Frances Joost	15.00
Genevieve Lord	35.00
Ethel Crocker	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under same conditions: Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

ROOTED CARNATION CUTTINGS — From sand or soil.

	100	1000
Ethel Crocker	$3.00	$25.00
White Cloud	1.76	15.00
Flora Hill	1.75	15.00
Triumph	1.75	15.00
Mrs. James Dean	1.00	9.00
Mayor Pingree	1.00	8.00
Wm. Scott	1.00	8.00

A few thousand of the above varieties from 2¼-inch pots; write for prices. Cash. C. Akehurst & Son, White Marsh, Md.

Carnations, rooted cuttings, healthy stock.

	1,000.
Daybreak	$12.00
W. Scott	10.00
F. Joost	12.00
Lady Emma	12.00
E. Crocker	25.00
R. Jacket	15.00

Unrooted cuttings at half price. Will exchange for Carnot and La France cuttings. Chas. Lenker, Freeport, N. Y.

ROOTED CARNATION CUTTINGS—Strong and healthy.

	100	1000
Marquis	$4.00	$35.00
Crane	3.00	25.00
White Cloud	2.00	15.00
Flora Hill	1.60	12.50
Genesee	1.60	12.60
Daybreak	1.50	12.50

250 at 1000 rate. Cash with order.
W. C. STROH, Attica, N. Y.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

Prosperity, the largest fancy carnation, ready March 1. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 26 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

Ethel Crocker, 2¼-in. pots or from sand. Al stock in every way. $3.00 per 100, 250 for $6.00. 600 for $10.00, 1,000 for $20.00 for quick cash sale to make room. Also Mrs. J. Dean at $2.00 per 100; $15.00 per 1,000. Hession, Flatbush, Brooklyn, N. Y.

Carnations, strong rooted cuttings. Servia, a fine white, long stem, vigorous grower, free bloomer, $1.25 per 100, $10.00 per 1,000; G. H. Crane, $2.50 per 100; Tidal Wave and Scott, $1.00 per 100. C. Thompson Adams, West Medway, Mass.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

Carnations. Rooted cuttings from soil. Ethel Crocker, $4.00 per 100; $30.00 per 1,000. Morning Glory, $4.00 per 100; $30.00 per 1,000. Gomez, $2.00 per 100; $15.00 per 1,000. Mrs. Geo. M. Bradt, $3.00 per 100. Vinca, Variegated, extra fine plants, 6-in. pots, $3.00 per doz. Cash with order, please. R. D. Lydecker, Hackensack, N. J.

Carnations. Per 100.

Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

Norway, the queen of white carnations; stock for February delivery all sold. Place your order now for March delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. H. Weber & Sons, Oakland, Md.

New pink carnation Guardian Angal. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.

GOETHE—Fancy light pink, best seller, stock in splendid shape.

Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

ROOTED CUTTINGS—Scott, Daybreak, Victor, Flora Hill, White Cloud, Melba and Rosemont, per 100, $1.60; per 1000, $12.50. Joost, per 100, $2.00; per 1000, $15.00. Marquis, Crocker, per 100, $4.00; from pots, $5.00. Cash, please. John J. Connelly, Bryn Mawr, Pa.

Marquis, Crocker, $5.00 per 100; $40.00 per 1,000. Hill, Jubilee, Daybreak, Eldorado, $1.50 per 100; $12.00 per 1,000. Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Samples free. Stock guaranteed. Union Street Greenhouse Co., Geneva, N. Y.

Rotted cuttings of the grand new carnation GUARDIAN ANGEL. It is a money-maker. Note our low price of $4.00 per 100; $35.00 per 1,000. Send for list of other varieties. Holton & Hunkel Co., Milwaukee, Wis.

ROOTED CARNATION CUTTINGS ready April 1. Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, $2.00, and G. H. Crane, $2.50 per 100. L. L. MAY & CO., St. Paul, Minn.

Roosevelt and Prosperity, the best two carnation in sight. Prices: Roosevelt, $12.00 per 100; $100.00 per 1,000. Prosperity, $16.00 per 100; $130.00 per 1,000. Cottage Gardens, Queens, N. Y.

Carnations—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Irene, the coming commercial pink, rooted cuttings, $1.60 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

CARNATION CUTTINGS, well rooted. Argyle, Flora Hill, Daybreak and Scott, $1.00 per 100. Davis Bros., Morrison, Ill.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Bradt, Crocker, Joost and McGowan, 2-in. pots and rooted cuttings. Geo. A. Kuhl, Pekin, Ill.

All this year's new carnations, also the standard sorts. Write for descriptive list.
W. E. Hall, Clyde, Ohio.

Catalogue of all the new carnations free upon application. N. Smith & Son, Adrian, Mich.

CHRYSANTHEMUMS.

Chrysanthemums, strong rooted cuttings, ready April 1. Early sorts—Bergmann, Rose Owen, Yellow Monarch, $1.50 per 100. Mid-season sorts—Mrs. H. Robinson, Mrs. Murdock, $1.50 per 100; Mrs. W. H. Weeks, Australian Gold, $1.00 per 100. For Thanksgiving trade—Golden Wedding, Philadelphia, Mrs. J. Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100. For Christmas—H. W. Rieman, The Harriott, Yanoma, $2.00 per 100. L. L. May & Co., St. Paul, Minn.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Choice rooted cuttings of Chadwick, $2.00 per 100; 2-in. pots, $3.00 per 100. Bonnaffon, Modesto, Jerome Jones and Ivory, rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Cash please. Frank Garland, Des Plaines, Ill.

October Sunshine, Yellow Queen, Mrs. H. Robinson, Golden Wedding and W. H. Chadwick, 2-in., $3.00 per 100. Rooted cuttings of same varieties, $2.00 per 100. F. R. Hills, Maywood, Ill.

Major Bonnaffon and Glory Pacific, fine, strong plants, 2-in., $2.00 per 100. Gold Smith (new), fine, strong plants, 2-in., $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

Rooted cuttings Murdock, Whildin, Pacific, Mutual Friend, Bonnaffon and many other standard varieties; per 100, $1.00. Cash, please. John J. Connelly, Bryn Mawr, Pa.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Best commercial sorts; rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100, $15.00 per 1,000. Cash with order. C. G. Nanz, Owensboro, Ky.

For chrysanthemum rooted cuttings or plants from pots see February issues this paper or address Gunnar Teilmann, Marion, Ind.

Chrysanthemums. Catalogue free on application. N. Smith & Son, Adrian, Mich.

CINERARIAS.

Cineraria nana grandifl. gig., 2¼-in., $2.50 per 100. Will make fine plants for Easter. Shellroad Greenhouse Co., Grange, Baltimore, Md.

200 3-in. cinerarias, strong plants, $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

Cineraria, 2¼-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

CLEMATIS.

CLEMATIS PANICULATA.	100.	1,000
No. 1, 3 years	$ 7.50	$ 75.00
X, 3 years	9.00	80.00
XX, 3 years	12.00	110.00
1 year, fine, 2-in. pots	3.00	25.00

ELIZABETH NURSERY CO., Elizabeth, N. J.

Clematis, one and two years, $1.25 and $2.00 per doz.; 12 choice leading kinds. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus selected from more than 100 varieties. Rooted cuttings, 60c per 100. In each order will be included a share of best yellow and our new seedling Firetongue. The latter separate, $1.00 per 100. Mayer & Sons, Willow Street, Lancaster Co., Pa.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Rooted cuttings of Vershaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Golden Bedder and Verschaffeltii, strong rooted cuttings, 75c per 100; $7.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus, in all the leading varieties, 2½-in. $2.50 per 100, $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, mixed, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, finest assortment, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CRYPTOMERIA.

Cryptomeria (surplus stock), 6 to 10 inches high; well-branched, 50c per doz. postpaid. Theo. Fuhr, Box 612, Alliance, Ohio.

CYCLAMEN.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

CYPERUS.

Cyperus alternifolius, strong, stocky plants from 2½-in. pots at $3.00 per 100. L. L. May & Co., St. Paul, Minn.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also cannas, gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Colo.

Fine named choice varities of show, cactus and pompon dahlias. Field-grown, whole roots, $5.00 per 100. E. Haentze, Fond du Lac, Wis.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Snow Crest, 2¼-in. $4.00, 3-in. $6.00; rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

White Paris daisy, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Paris daisy, white, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

DRACÆNAS.

Dracaena indivisa from 4-in. pots, ready for 5-in., 24 inches high, $10.00 per 100. Cash with order. H. B. Snow, Camden, New York.

Surplus stock. Dracaena indivisa, $1.00 per doz. by express. Too large to send by mail. Theo. Fuhr, Box 612, Alliance, Ohio.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

EASTER PLANTS.

Azaleas for Easter. Standard varieties in prime condition.

Pots.	Dia.	12.	100.
5-in.	10 to 12 inches	$ 5.00	$ 40.00
5 & 6-in.	12 to 14 inches	6.00	50.00
6 & 7-in.	13 to 15 inches	9.00	70.00
7-in.	16 to 18 inches	15.00	110.00

Mme. Van der Cruysen, good value, at $1.50, $2.00, $2.50, $3.00 and $5.00 each.

Miscellaneous plants for forcing. Azalea mollis, 12 to 15 inches high, full of buds, $4.50 per doz.; $35.00 per 100. Deutzia gracilis, 3-year-old plants, suitable for 7 and 8-in. pots, $1.00 per doz.; $8.00 per 100. Deutzia gracilis rosea, a limited stock of one-year-old plants, $2.00 per doz.; $15.00 per 100. Deutzia Lemoinei, strong one-year-old plants, suitable for 6-in. pots, 75c per doz.; $6.00 per 100. Rhododendrons, fine plants, well set with buds.

High.	12.	100.
12 to 15 inches	$ 7.50	$ 60.00
15 to 18 inches	9.00	70.00
18 to 20 inches	12.00	100.00
20 to 24 inches	15.00	125.00
24 to 30 inches	24.00	

H. A. Dreer, 714 Chestnut St., Philadelphia.

Azaleas, large plants full of buds, 50c to 75c each; hydrangeas, 10c a bud; cinerarias, 5-in., $1.50 per doz.; cyclamen, 4-in., $1.25 per doz.; genistas, 4-in., $2.00 per doz.; primroses, 4-in., $1.00 per doz.; hyacinths, 1st size $1.50, 2nd size $1.00 per doz.; obconica, $1.00 per doz.; Crimson Ramblers, budded, 50c to $1.00 each; pansies, 50c per 100, $3.50 per 1,000; verbenas, large plants from soil, 60c per 100, $4.50 per 1,000; Marquerette carnation, mixed, from flats, $1.50 per 100. Whitton & Sons, City and Green Sts., Utica, N. Y.

For Easter and spring flowering. All plants are of fine shape and well budded. Per 100: Lilacs, $45.00; Azalea mollis, $35.00; Azalea pontica, $45.00; rhododendrons, $35.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

Harrisii Lilies. 500 surplus stock in fine condition for Easter; no disease; $18.00 per 100, in 5-inch pots. Wm. M. Kidd, 2984 Atlantic Ave., Brooklyn, N. Y.

Easter plants. Per 100: Heliotrope, 2¼-in., [illegible], daisies, white and yellow, 2¼-in., $1.50; Ageratum Princess Pauline, 2¼-in., $1.50. Will make fine plants for Easter. J. W. Miller, Hatton, Pa.

ERICAS.

Ericas, small plants in bloom or in bud ready to bloom, $1.50 per dozen, $10 per 100. Large, fine shaped Ericas in bloom, 75c and $1 each, $9 to $12 per dozen, $75 per 100. Epacris in bloom, $9 per dozen. Erica persoluta alba, Erica persoluta rosea, Erica persoluta rubra, Erica fragrans, 100 plants in these four varieties, for growing on, $10, or 100 plants in bud, $15 per 100. Cash with order, please.
A. SCHULTHEIS, P. O. box 78, College Point, N. Y.

FERNS.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Japan fern balls, one of the best Easter sellers. Start them now. We offer 7⁄8-in., 40c each, $3.50 a doz., $27.00 a 100; 9-11 in., 65c each, $6.50 a doz. Fern wreaths, 12-in., 60c each, $5.00 a doz., $40.00 a 100; 10-in., 40c each, $4.00 a doz., $35.00 a 100. Address H. H. Berger & Co., 47 Barclay St., New York.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Grand slide of 15,000 ferns. We want the room; 6 varieties for fern dishes at $2.50 per 100. Champion & Co., New Haven, Conn.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Boston fern, true, 3½-in., $5.00 per 100. Maidenhair fern, 2½-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Boston ferns in 4, 5, 6 and 7-in., ready for a shift. Will make you money for Easter. Geo. A. Kuhl, Pekin, Ill.

Fern balls. Start them now for Easter sales. Write W. W. Barnard & Co., 161 Kinzie St. Chicago.

Boston ferns, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

FICUS ELASTICA.

Rubbers in 3-in. pots, 6 inches high, strong stock, 6c; 4-in. pots, 12 inches high, 10c; 5-in. pots, 2 ft. high, 25c. Joy & Son Co., Nashville, Tenn.

FORGET-ME-NOTS.

Winter blooming forget-me-nots, strong 2 and 2½-in., $2.50 per 100. Cash with order. C. G. Nanz, Owensboro, Ky.

Forget-me-nots, 2¼-in., $3.00; R. C. (winter), $2.00 per 100. Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsias, rooted cuttings and 2¼-in. For prices see display adv. Greene & Underhill, Watertown, N. Y.

Single and double, 2-in., $2.00 per 100. Cash with order. C. G. Nanz, Owensboro, Ky.

GARDENIAS.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GAZANIA.

Gazania rooted cuttings, 75c per 100, $6.00 per 1000, postpaid. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

Geraniums America, $8.00 per 100, out of pots; $4.00 per 100, rooted cuttings. Mars, $4.00 per 100. Jean Viaud, Clyde, Dryden and novelties, $8.00 per 100. Little Pink, Dr. E. A. Hering, E. E. Rexford, $2.50 per dozen. Standards, $3.00 per 100. Send for price list. Henry Eichholz, Waynesboro, Pa.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Geraniums. 25,000 rooted cuttings of all the leading varieties; all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

Geraniums in 2-in. pots; Nutt, Poitevine, Dbl. Grant and others, $2.50 per 100; our selection, $2.00 per 100. Cash with order. Special price on large orders. C. A. Harris & Co., Delanson, N. Y.

Twenty or more of the best bedding var., single and double; 2½-in., $2.00 per 100, $15.00 per 1,000. Var. on application. Cash with order. C. G. Nanz, Owensboro, Ky.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

Geraniums and petunias. 10,000 young stock, 2-in.; fine assortment, $25.00 per 1,000. 5,000 rooted cuttings, $15.00 per 1,000. Cash. Betscher Bros., Canal Dover, Ohio.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00. Morris Floral Co., Morris, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Geraniums. 1,000 strong 3-in. plants ready for a shift; standard market sorts, named, at $6.00 per 100. Joseph E. Bonsall, Salem, Ohio.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geranium Mme. Salleroi. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Geranium Double New Life, rooted cuttings, $3.00, 2½-in., $5.00 per 100. Otis F. Searles, L. B. 288, Nashua, N. H.

Geraniums. My selection, 2½-in. pots, $2.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums. Leading named varieties, 2½-in., $2.50 per 100; $20.00 per 1,000. Krueger Bros., Toledo, Ohio.

Geraniums, double and single, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums, mixed; 3-in., fine plants, $2.50 per 100. O. Petersen, Round Lake, N. Y.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums, double, 2-in., $2.00. Cash. Edw. B. Jackson, Stamford, Conn.

Red, white and pink in 3-in. Write. Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For sample of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 405, Rochester, N. Y.

Gladioli. 10,000 Groff's; 10,000 Van Fleet's; 250,000 extra white and light; select mixed, etc. Write for prices. Betscher Bros., Canal Dover, Ohio.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

Gladioli. Standard named varieties; colors separate and mixtures in various grades. W. W. Barnard & Co., 161 Kinzie St., Chicago.

XXX, the finest mixture in the market for florists, $1.50 per 100; $12.00 per 1,000. F. W. O. Schmitz, Jersey City, N. J.

Gladioli, a few thousand, mostly pink; medium size, $5.00 per 1,000. E. Haentze, Fond du Lac, Wis.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Sugar maples, nice trees, 4 to 5 ft., $4.00 per 100, $30.00 per 1,000; 5 to 6 ft., $6.00 per 100, $50.00 per 1,000. Linnaeus rhubarb, $1.50 per 100. Hemerocallis, early, medium and late, $3.00 per 100; $25.00 per 1,000. Oxalis, 60c per 100; $1.00 per 1,000. E. Y. Teas, Green's Fork, Ind.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

Arbor-vitae, large fine plants, 3 to 4 ft., well shaped, 35c each, $4.00 per doz. Irish junipers, fine stock, 3 to 4 ft., 35c each, $4.00 per doz.; 4 to 6 ft., 50c each, $5.00 per doz. Nanz & Neuner, Louisville, Ky.

2,000 Irish Juniper, 2 to 3½ feet. 100 Siberian Arbor-Vitae, 50 Hovey's Arbor Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

HIBISCUS.

Hibiscus, strong, thrifty plants ready for shift. Double pink and double red, 2¼-in., $4.00 per 100. Nanz & Neuner, Louisville, Ky.

Hibiscus, 2½-in., 10 sorts, $2.50 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please. John Charlton & Sons, Rochester, N. Y.

IVIES

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00. Greene & Underhill, Watertown, N. Y.

MOONVINE.

Moon vines, 2½-in., $3.00 per 100. Good & Reese Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, tall, also dwarf, mixed, 2-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges, $3.00 per 100; $25.00 per 1,000. Ponderosa Lemons, bears fruit 2 pounds and up; an ideal pot plant; blooms and fruits when quite small, $1.00 per doz., $7.00 per 100, $60.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100. P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Fine double varieties, $6.00 per 10[illegible] [illegible]00 per 1000. J. F. Rosenfield, West Point, Ne[illegible]

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	6 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65 00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, 2 to 2½ ft. in h't and dia., 8 and 9 lvs., $12.00; 8-in. pots, 1 plant to pot, 2½ to 3-ft. in h't and dia., 9 to 10 lvs, $15.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $24.00.

KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00

ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.

FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.

J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	6-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.60 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Latania palms, 2½-in., strong, 3c, 4-in., strong, 10c; 5-in., 25c; 7-in., 60c. Joy & Son Co., Nashville, Tenn

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Jos. Heacock, Wyncote, Pa., grower of palms. Write for price list.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Seedling Seaforthia robusta, $3.00 per 100. F. R. Hills, Maywood, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

THE JENNINGS STRAIN OF PANSIES 35,000 fine stocky little plants, in finest mixture, now ready. By mail 60c per 100; by express prepaid $4.00 per 1,000 Cash with order. E. B. Jennings, L. B. 254, Southport, Conn, grower of the finest pansies.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansy plants, from cold frames, small, $7.00 per 1,000; pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Giant Trimardeau. Fine transplanted, stocky plants; grand strain for size of flower and variety of colors. E Fryer, Batavia, Ill.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

PELARGONIUMS.

Pelargoniums Lord Napier, Queen Victoria, Splendor, Mabel, Infant Prodigy, Gen. Taylor and others, 3-in. pots ready for 4 and 5-in., $5.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

PETUNIAS.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

PRIVET.

CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000
CALIFORNIA PRIVET, 2 yr, $19.00 per 1,000
Choice cuttings, 1,000, $1.25; 20,000, $20.00.
Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

ROOTED CUTTINGS.

Rooted cuttings, extra strong and healthy Coleus, Golden Bedder, 50c per 100; $4.00 per 1,000; Crimson Verschaffeltii, 60c per 100; $5.00 per 1,000. 15 other varieties, same price.

Alternanthera, red and yellow, 50c per 100, 2¼-in. pots, $1.50 per 100.

Salvia, 2 varieties, 75c per 100; 2½-in., $2.00 per 100.

Ageratum, P. Pauline, Stella Gurney and Blue Perfection, $1.00 per 100; 2½-in., $2.00 per 100.

Heliotrope, dark and light blue, $1.00 per 100; strong 2½-in. bushy plants, $2.50 per 100.

Carnations, transplanted, Gen. Maceo, $2.00 per 100; Scott, Portia and McGowan, $1.00 per 100.

Geraniums, all the best commercial varieties; strong plants out of 3-in. pots, $4.00 per 100.

Petunias, Dreer's strain double-fringed, 25 named varieties, $1.25 per 100; strong 3-inch plants, $3.00 per 100.

Daisy, white and yellow, $1.00 per 100; strong 3-in., $3.00 per 100.

Begonia Guttata, strong, bushy plants; 3-in., $3.00 per 100.

All plants carefully packed. Cash with order. C. GUSTAVE PAPSCH, Moorestown, N. J.

Rooted cuttings, all strong and well rooted.

	100.	1,000.
Ageratum, "Cope's Gem."	$1.00	$ 7.50
Cuphea Platycentra	2.00	18.00
German Ivy	1.00	7.50
Heliotrope, best blue	1.50	12.00

N. B.—Orders amounting to $5.00 will be sent F. O. B. New York City; those from unknown correspondents will be forwarded C. O. D. All orders filled in rotation. Seawanhaka Greenhouses, Oyster Bay, N. Y. Lock Box 227. Wm. L. Swan, Proprietor.

ROSES.

Strong plants from 2½-in pots in the following varieties.

Archduke Charles
Agrippina
Bride
Bridesmaid
Baldwin
Bon Silene
Clara Watson
C. Soupert
Christine de Noue
Catherine Mermet
Climbing Wootton
" Meteor
" Kaiserin.
" Perle
" Malmaison
Dr. Grill
Devoniensis
Duchess de Brabant
Duchess of Albany
Ernest Metz
Etoile de Lyon
Enchantress
Folkestone
Golden Gate
Gus. Tripelitz
Geo. Bancroft
Henry M. Stanley
Kaiserin
Mme. Camille
Marie Guillot
Mme. Watteville
Mme. Welche
Mme. Jos. Schwartz
Maman Cochet
Mrs. Degraw
Meteor
Media
Marie Van Houtte
Mme. Margottin
Malmaison
Papa Gontier
Pink Soupert
Perle
President Carnot
Princess Venosa
Queen's Scarlet
Safrano
Snowflake
La France
La Princess Vera
La Pactole
Mosella
Marechal Niel
Maid of Honor
Mme. Abel Chatenay
Mrs. Robt. Garrett
Mme. Cecile Berthod
Souvenir de Wootton
Striped La France
Sylph
Tri. de Pernet Pere
Victor Hugo
White Maman Cochet
" Marechal Niel
" La France

Price $2.50 per 100; $20.00 per 1,000. 500 sold at 1,000 rate. Not less than 5 of a kind. All stock guaranteed true to name. Packing free and always done in light and thorough manner.

R. H. MURPHEY & SON, Urbana, Ohio.

Our stock of Everblooming roses, all grown in 4-inch pots, is more extensive and finer than we have ever before offered our customers. All leading popular varieties for sale.

From open ground, we call your attention to our heavy blocks of Gen. Jacqueminot, 2 yrs., strong own roots; also such valuable climbers as Yellow Rambler, Steigera, Dawson, Climbing Hermosa, Greville, Wichuraiana, etc., etc.

The new climber, Wm. C. Egan, can be supplied in strong one or two-year-old plants at reasonable rates. It is the best of Mr. Dawson's fine hybrids, and is in fact a climbing Malmaison, of the same form and color, and undeniably hardy.

To clear leased land, we offer shrubbery in elegant assortment, at low rates by the thousand. Hoopes Bro. & Thomas, Maple Ave. Nurseries, West Chester, Pa.

ROOTED ROSE [illegible]

Brides	[illegible]	[illegible]
Bridesmaids	[illegible]	[illegible]
Meteors	[illegible]	[illegible]
Perles	[illegible]	[illegible]
Golden Gate	[illegible]	[illegible]
Lady Dorothea	[illegible]	[illegible]
Kaiserin	[illegible]	[illegible]
Maman Cochet	[illegible]	12.[illegible]
American Beauty	[illegible]	25.00

First class in ev[illegible] [illegible] at 100 rate. [illegible] at 1,000 rate

LAKEVIEW ROSE GARDENS, Jamestown, N. Y.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

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ROSES FOR SPRING PLANTING. Strong field-grown.

	Per 100.
American Beauty, select	$25.00
American Beauty	20.00
La France, select, fine	25.00
La France	20.00

Cash or satisfactory references.

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All the leading varieties—Teas, Hybrid Teas and Climbers from 2½-in. pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-in. pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c. Good & Reese Co., Springfield, Ohio.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12 50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.

S. J. Reuter, Westerly, R. I.

KAISERIN AUGUSTA VICTORIA. Both climbing and bush Kaiserin cheap.
4-in. pots, 2 to 3 ft., $10 per 100.
2-in. pots, $3 per 100.
ELIZABETH NURSERY CO., Elizabeth, N. J.

Strong, well established plants of Bride, Bridesmaid and Golden Gate, from 2½-in. pots, $3 00 per 100. Ready May 1. Place your order now and choice stock will be reserved for you L. L. May & Co., St. Paul, Minn.

100,000 Kentucky-grown roses in 2½-in. pots; 75 leading varieties. See our 1901 catalogue for description of our new rose Winnie Davis. Nanz & Neuner, Louisville, Ky.

Roses, all first-class from 2-in. standard pots. Per 100: American Beauties, $6.00; Kaiserin, $4.00; Bridesmaids, $3.00. T. E. Bartram, Lansdowne, Pa.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

Field-grown American Beauties, 3 years old $15 per 100; $125 per 1000. Southern Floral Co., 922 Bryan St, Dallas, Tex.

Roses in 2 and 2½-in. We grow all the leading varieties and our stock is fine. Write us. Geo. A. Kuhl, Pekin, Ill.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Davis Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids, and Meteors. $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

Golden Gate, strong 2-in., $3.00 per 100. Perle, 2-in., $2.50 per 100. J. M. Smely, Aurora, Ill.

Send for wholesale list of hardy roses. C. H. Joosten, 85 Dey St., New York.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

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Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7 00 per 1000. Jerome Harley, Media, Pa.

SALVIA Continued.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2½-in., $2.60 per 100. Good & Reese Co., Springfield, Ohio.

Salvia Clara Bedman, 2¼-in., $1.60 per 100. Morris Floral Co., Morris, Ill.

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Saxifraga sarmentosa. Fine for hanging baskets, vases or pot plants; strong, $3.00 per 100; 10 by mail 30c. Mayer & Sons, Willow Street, Lancaster Co., Pa.

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Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rosy pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut-flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts.; per lb. 60cts.; 5 lbs. or more at 55 cts. per lb.

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Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

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Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

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Swainsona alba, 2½-in. pots, $2.00 per 100. Jerome Harley, Media, Pa.

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Tomato—Lorilliard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $1.25 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Add 10c per 100 to above prices if by mail. Brussels Sprouts, 25c per 100. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty, Lorilliard and Sutton's Best of All, 3-in., in bud, $2.00 per 100. Dwarf Champion, Mayflower and Beauty, 3-in., in bud, 15c per 100; $1.25 per 1,000. Lorilliard, transplanted, 50c per 100. Lettuce—Silver Ball, 15c per 100; $1.00 per 1,000. Mrs. Griswold, Worthington, Ohio.

Fine plants for transplanting. Cabbage—Early Spring, All Head Early, Charleston, and Winningstadt. Tomato—Early Ariadcrest and Champion, 25c per 100; $1.25 per 1000 by express. If by mail, add 15c per 100. W. D. Chase & Son, New London, Ohio.

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Lemon verbenas, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

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Vincas—Major and minor; strong field-grown plants, $1.00 per 100; $7.50 per 1000. Major put in 4-in. pots now will be fine for spring. James M. Lamb, Fayetteville, N. C.

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Vinca, green trailing, 2¼-in. $1.50, 6-in. $15.00, variegated, 6-in. $30.00 per 100. Morris Floral Co., Morris, Ill.

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Lady Campbell, good clumps in bloom and bud; grown at 40 degrees night and just right for 6-in. pots for Easter, $1.00 per doz.; $7.50 per 100. Must sell them to make room for a lot of bedding plants. Cash. W. G. Kraber, New Bedford, Mass.

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10,000 sedum variegatum, 10,000 cigar plants, California mum, for basket, and Iresines, red, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

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To Exchange—Strong, rooted carnation cuttings of Servia, a fine white, long stem, vigorous grower and free bloomer, $1.25 per 100, $10 per 1,000; G. H. Crane, $2.50 per 100; Tidal Wave and Scott, $1.00 per 100, for good A. Sprengeri plants. C. Thompson Adams, West Medway, Mass.

To Exchange—Rooted cuttings of Ethel Crocker, Mrs. Frances Joost and G. H. Crane, for rooted cuttings of Bride, Maid or Meteor roses. Ours is fine, healthy stock; we want the same. Morton Grove Greenhouses, Morton Grove, Ill.

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Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
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Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

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E. H. Hunt, 76-78 Wabash Ave., Chicago.

SYRACUSE, N. Y.

The twelfth annual meeting of the Central New York Horticultural Society was held in the Chamber of Commerce rooms, Friday evening, February 22. The meeting was one of unusual interest. After an entertainment, which consisted of readings by Mrs. R. D. Jillson, elocutionist, and several very fine numbers on the graphophone, the business part of the meeting was taken up, at which time the officers for the ensuing year were elected as follows: President, S. T. Betts; vice-presidents, Rev. Wm. A. Beauchamp, A. D. Perry, E. A. Powell, J. Wm. Smith, A. C. Chase; secretary, N. H. Chapman; treasurer, David Campbell. Executive committee, S. W. Rose, C. A. Fox, Geo. Ham, Peter Kay, F. H. Ebeling, and John T. Roberts.

President Betts, in his talk to the society during the evening, among other things, suggested the advisability of the society giving another series of lectures, one each to take place in March, April and May. It was also proposed to hold a rose show on the 6th and 7th of June next, at which time the amateur growers would be invited to participate in the competition for prizes to be offered by the society. A great deal of interest was manifested in the plans for this exhibition. The society also took action to send delegates to the second annual exhibition of the American Rose Society, which is to be held at the Waldorf-Astoria, in New York City, March 19, 20, and 21st. President Betts and Treasurer David Campbell were elected as delegates and A. C. Chase and J. Wm. Smith as alternates to represent the society at the rose show on that occasion.

The proposition was also presented at the meeting to hold a chrysanthemum show on the 12th, 13th and 14th of November next. The matter was not fully decided, but the plans may be perfected whereby the exhibition, under the auspices of the society, may occur on the above dates. The Central New York Horticultural Society has done a good work in this community for a number of years and has encouraged a large interest along the line of horticulture and floriculture.

N. H. C.

MILWAUKEE.

Articles of incorporation of the C. C. Pollworth Co., were filed March 5 with C. C. Pollworth, Jos. E. Pollworth and W. A. Kennedy as incorporators. The capital stock is placed at $25,000 and the business is to grow and sell palms, plants, cut flowers and general supplies for the trade. Mr. Kennedy will assume the management of the palm and greenhouse department as formerly conducted by C. C. Pollworth.

You would find a copy of the Florists' Manual, by Wm. Scott, especially valuable during the next few months. It tells you all about handling bedding plants to the best advantage at the least expense. The book will save you many times its cost during that period.

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We happened to get a lot of 14-inch and 16-in. wide greenhouse glass on hand which we are selling **below present prices.**

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Manufacturers of California Red Cedar and Louisiana Cypress Greenhouse Material.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,

334 Dearborn Street, Chicago.

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This paper is a member of the Chicago Trade Press Association.

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Braddock, Pa.—The Braddock Floral Co. has opened a store at the corner of Fourth street and Braddock avenue.

Shenandoah, Iowa.—Fire did serious damage to the seed warehouse of J. R. Ratekin & Son recently.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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See That Ledge.

Pat. Sept. 18, 1900.

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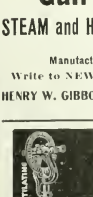

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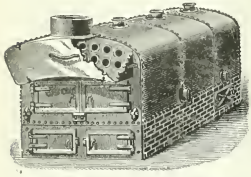

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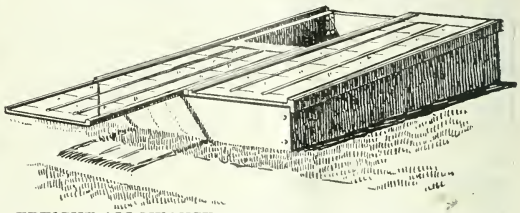

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MARCH 14, 1901. No. 172.

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All Orders Filled in Strict Rotation.

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1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
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Rooted Cuttings,
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APPOINTED BY THE PHILADELPHIA FLORIST CLUB TO JUDGE
OUR GRAND NEW ROSE

Queen of Edgely

PINK AMERICAN BEAUTY,

Writes — December 31, 1900, as follows: —

"Having had the pleasure of visiting your greenhouses and seeing — for the first time — your new rose 'Queen of Edgely' growing on the plants, I should like to say that my first impression as regards its **sterling worth** has been greatly strengthened. At the time of my visit it was a sight **worth going a long way to see,** having stems **6 to 8 feet** long. With its **luxuriant foliage, exquisite color and fragrance, large size of bloom,** together with its **free budding qualities,** I consider it a **grand introduction** and a **money maker** for all growers of American Beauty Roses."

Lansdowne, Pa. Truly yours, WM. MUNRO.

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FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
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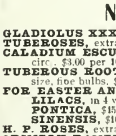

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One of best **Easter Sellers.** Start them now. We offer 7 8-inch each, 40c; doz., $3.50; 100, $27.00. Monster, 9 11-in. each, 60c; doz., $5.00. **Beautiful Fern Wreaths,** 12-in. each, 40c; 3 doz., $7.50; 100, $10. 10-in., each, 40c; doz., $4; 100, $35.

EXTRA Choice strain Tub. Begonias, single, in separate color, large bulbs, doz., 40c; 100, $2.50. Dble. Begonias, doz., 75c; 100, $5. Caladium, fancy leaved, finest named, doz., $1.50; 100, $10.

Send for **New List** all summer flowering Bulbs, Seeds, etc. **FLOWER SEEDS READY.**

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Est. 1878. 47 Barclay St., New York.

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SOUTHERN WILD SMILAX

WITH
CALDWELL THE WOODSMAN CO., Evergreen, Ala.,
Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

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GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

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Galax Leaves, Bronze and Green, 75c per 1000.

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Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.
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For $5. Special for Easter.

1000 Dagger Ferns. 1000 Sprays. 1000 Galax, green and bronze. 100 Leucothoe Sprays.
Cash with order. Stock A No. 1.
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119 & 122 West 25th St., NEW YORK, N. Y.
Manufacturers of..... **Florists' Wire Designs,**
Importers and Dealers in **Florists' Supplies.**
Galax Leaves and all Decorative Greens.
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ROSES

GRAFTED ROSES.

It seems to have become a settled fact in the minds of most rose growers that grafted plants are superior to own root stock, no matter whether grown on raised benches or solid beds. There is, however, a difference of opinion as to whether it is the most profitable to grow them on raised benches or solid beds. We grow them under both conditions and so far the benched plants far exceed those in solid beds in quantity but not in quality. This is our first year's experience, though, and we expect the solid beds will make up lost time when the hot weather comes.

We would like to have the opinion of some of the REVIEW'S readers as to the comparative value of beds and benches for grafted stock and the best depth for same. If it is practicable to carry benched grafted stock over from year to year the same as when in solid beds the benches would in my opinion be most profitable, as grafting means a lot of work and expense.

No doubt those growers who have had grafted stock both on benches and in solid beds will favor us with the conclusions formed from their experience, and their method of treatment. We are now grafting and planning for another season, and no doubt others are doing the same, so a full discussion at this time would be helpful to many.

NORTHWEST.

Some growers put up a strong argument in favor of own root stock but apparently grafted stock is working its way to the front. Year by year more of it is planted and I notice that wherever it has been introduced it stays, whether on benches or in solid beds. With us our grafted stock is far ahead of that on own roots. Of late the own root plants have gained so as to come up close to the grafted ones owing to very strong and vigorous growth from the bottom, but up to this time the grafted plants were much superior.

We started to propagate about the middle of December and potted the Manetti stocks Christmas week. At present we have both grafted and own root plants in 3-inch pots and the grafted plants are three times the size of own root ones. In a month or two more the difference will be still greater.

The question, raised by "Northwest" is well worthy the fullest consideration by every grower, and it would certainly be of great value and benefit to all if those who have had experience in the matter would communicate it through the REVIEW.

My own opinion is that solid beds are the most profitable providing they are properly handled. Even if they produce a few less flowers the difference in the expense will more than offset it. However, I would not advise anyone to change from the bench system to solid beds without first giving it a trial for a year or two on a small scale. Though the culture is apparently much the same there are some little details which must be fully understood. If from some cause the roses in solid beds receive a severe check in the fall it is very difficult to get them into good condition again before spring, and the resulting loss would of course be considerable.

My experience with grafted stock has been that it is best for both benches and solid beds, the last in particular. I do not, however, wish to say that own root stock cannot be made to equal it. Grafted stock starts off quicker but with good care own root stock will have been just as profitable at the end of the year. The principal advantage of the grafted stock is the more robust constitution. Eel-worms in particular will not affect them as much as the own root plants and they are not so susceptible to disease or injury from mistreatment. Again they undoubtedly bring far the best flowers during the first part of the rose season.

As to carrying over grafted plants on raised benches the same as in solid beds I do not think it advisable. I have never tried this plan but I can not see how it would be possible to carry over this stock from year to year in only four to five inches of soil without exhausting its strength to such a degree as to render it worthless. Yet I believe that if the plants were lifted and replanted in fresh soil they could be used for a number of years. I have never carried either grafted or own root plants over for more than two years, not because they did not look strong and healthy or it was not considered advisable, but it has happened that we either planted them in solid beds or made use of them otherwise.

M. STAUCH.

I have never had any experience of account in my own practice with grafted stock in solid beds, hence am not qualified to reply to the question. I have watched with much interest the use of grafted roses and have not yet become a thorough convert, perhaps I may change my mind after more experience. As it was first recommended as a sovereign preventive of Eel-worm, and I had no use for grafted plants for that purpose, did not give the subject attention until within a year or so, since it has been claimed that by the use of these we may be able to grow much finer blooms. True it is that some growers, notably Mr. Montgomery, of Natick, have produced wonderful blooms on grafted Brides and Maids in solid beds. These I have seen and know. I also hear that Mr. Pierson, of Cromwell, Conn., uses grafted stock in solid beds, and while I have not seen the plants, can vouch for the quality of the product. Now, outside of these two places it does not appear that grafted stock has made such a vast improvement over own roots and it may be that the grower had something to do with it.

Where I have used grafted stock on benches, I fail to see the great advantage, and as I said am not competent to advise.

BENJ. DORRANCE.

Regarding grafted stock our experience with both solid beds and plants on benches has been about the same as with stock on own roots. Beds give best quality and benches the quantity.

With us the grafted stock has been no better than that on own roots except to make a little larger plant for the first three or four months. After this time there is no difference in plants or flowers.

GEO. M. KELLOGG.

I have never grown any roses in solid beds and my experience with grafted plants was that they were no better than those on own roots.

JOSEPH HEACOCK.

YELLOW ROSE FOLIAGE.

We would like to know what causes light green or yellowish foliage on our roses. They are healthy looking otherwise, having large, perfect buds, very strong, thick stems from one to two feet long. The foliage has turned in the last month. One house runs north and south and one east and west. E. C.

The question is a very broad one. Yellow foliage may result from very different causes. E. C. does not say what treatment his roses have received, but if they are otherwise vigorous and the foliage has turned yellow only during the last month it is apparent that they have been either overfed or overwatered. Long spells of cloudy weather are apt to turn the foliage light green, especially if ventilation is not properly attended to.

M. STAUCH.

AMERICAN ROSE SOCIETY.

The annual exhibition of the American Rose Society will be held in the Waldorf-Astoria Hotel, New York City, next Tuesday, Wednesday and Thursday. The list of premiums is remarkably long and valuable, and there will no doubt be a lively competition. In addition to a host of exceedingly liberal cash prizes, so arranged that growers having moderate-sized establishments can compete one with another without being pitted against the big fellows, as well as classes for the latter, there is a great number of valuable cups. Cups valued at $100 are common, and one (that offered by the Lord & Burnham Co.) is valued at $250. It is certainly a remarkably generous prize list and should bring out a memorable display.

Full details, including copies of the premium list and a plan of the exhibition hall, may be had by addressing the secretary, Mr. Leonard Barron, 136 Liberty street, New York.

CARNATION NOTES.

Potting Young Plants.

By this time the young plants of many of the new varieties have reached you and, so far, all we have seen are in good healthy condition and with proper care will show what is in them the coming season. This is as it should be, for when you pay a good price for a plant or cutting you have a right to expect a good plant for your money. There will be enough varieties that will not do well with you and the sooner you find them out the better it will be, so you can discard them. One does not like to discard a variety without having given it a fair trial, but that is hardly possible unless you have good stock to begin with, and in good time, to make strong plants by

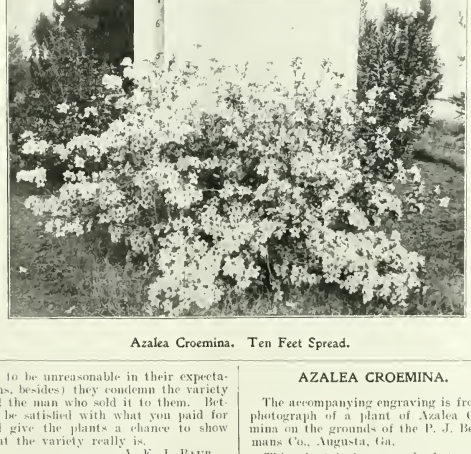
the time you want to plant them in the house. Strong cuttings put in now will make good plants, but every day counts and you want to give them the best of care and a good cool place where they will grow sturdy. There will be no time to shift them before planting out time, so give them good sized pots, 2½-inch, and if they are extra strong 3-inch pots are not too large providing the drainage is good.

Do not allow your greed to get the better of your judgment and cause you to do like some growers do. Many growers will pot up the cuttings and put them into a warm house where they will make quick growth and as soon as they are large enough they take off most of the plant to make another cutting and they imagine they have twice as much stock as they really paid for. They have twice as many plants, but what kind of plants are they? They are soft and weak and good subjects for every kind of disease the carnation is heir to and none of the plants will be as large in the fall as those that were grown cool and topped properly. Then when the poor mistreated plants fail to produce as good blooms as these growers expect (and they are off in the fall it would then probably bloom more evenly.

Mr. Wietor, by the way, is on the lookout for a better midwinter white than White Cloud. He says Hill is all right for fall and spring, but in mid winter Cloud is the main dependence. It is, however, too late for fall blooming, and in spring Hill is superior. A good all around white is something he would like to get hold of.

A HOUSE OF WHITE CLOUD.

We present herewith an engraving from a photograph of a house of White Cloud carnations at the establishment of Wietor Bros., Chicago. The house is one of the new ones erected last summer and is 30x300. In this range the Garland iron gutter and iron post construction was employed. The gutter and posts may be seen at the left in the picture. The Wietor Bros. have the flow pipe above the benches in their heating system, and consider it quite an advantage. The pipe is suspended by wires from the purlin. All the purlin supports, as well as the iron posts under the gutter are set in cement.



Azalea Croemina. Ten Feet Spread.

apt to be unreasonable in their expectations, besides) they condemn the variety and the man who sold it to them. Better be satisfied with what you paid for and give the plants a chance to show what the variety really is.

A. F. J. Baur.

THE MARQUIS CARNATION.

Speaking of the Marquis, Mr. James Hart-horne, of the Chicago Carnation Company, says that with him it is the next best thing to Lawson and the greatest in its color. But with him it has been a late bloomer. He started to cut in quantity about Dec. 1. It has bloomed continuously ever since, though, and promises well for the rest of the season.

Mr. N. Wietor, of Wietor Bros., Chicago, says that they had a big crop for Thanksgiving and then no more until recently, when it came into crop again. They like it on account of its size and color, but don't like the habit of cropping that it has shown with them. He thinks that if the buds were kept picked when partially shaded from the afternoon sun.

AZALEA CROEMINA.

The accompanying engraving is from a photograph of a plant of Azalea Croemina on the grounds of the P. J. Berckmans Co., Augusta, Ga.

This plant had a spread of ten feet and a height of five feet. As will be seen from the photograph, the plant was a mass of its light pink flowers. During the blizzard of February, 1898, this Azalea was frozen to the ground, but has since that time made a vigorous growth and promises to give a profusion of flowers the coming spring. This azalea has been standing in its present position for about twenty-five years, and until 1898 had never been injured by frost. It is, so far as we know, the hardiest of all the Indian azaleas.

It is growing in a very sunny position, but in a rich, loamy soil. The Messrs. Berckmans find in their section a rich soil in which there is an abundance of leaf mould to be the most satisfactory for azaleas, and they do best

SOCIETY OF AMERICAN FLORISTS.

Executive Committee Meeting.

The regular winter session of the executive committee of the Society of American Florists and Ornamental Horticulturalists was held at the Genesee Hotel, Buffalo, N. Y., on March 5 and 6. The following members were present: President Patrick O'Mara, Ex-President E. M. Wood, Vice President W. F. Kasting, Secretary W. J. Stewart, Treasurer H. B. Beatty, and Messrs. C. W. Ward, J. F. Sullivan, A. B. Cartledge, J. D. Carmody, Alex. Wallace, Emil Buettner, R. Witterstaetter. The reports of secretary, treasurer, department of registration and the legislative and fertilizer committees were presented. The treasurer's report indicated receipts for 1900 of $3,000.45, the largest on record; disbursements $2,094.98; leaving a balance in the general fund of $905.02. Additions to the life membership fund during the year, with accrued interest, amounted to $369.45, making a total in this fund, January 1, of $954.45.

The legislative committee was instructed to watch any proposed legislation regarding fumigation of nursery stock and to advocate the passage of proposed laws establishing parcels post. The legislative committee, as appointed for this year, is composed of Messrs. J. N. May, Robert Craig and Benjamin Durfee.

A telegram from Ex-President William R. Smith, of Washington, announcing the passing and signing of the national charter was received with much joy and a congratulatory response was sent.

The relations of the so-called auxiliary societies to the incorporated mother society were then considered. It was the opinion that the best efficiency of the various organizations might be secured with the greatest economy of expense and effort by some manner of federation under the charter of the central body, and in furtherance of this idea a committee consisting of Messrs. Wood, Ward, Beatty, Stewart and Buettner, with President O'Mara, was appointed to consider and advise ways and means whereby closer relations may be established and maintained between the Society of American Florists and the various trade organizations now existent, particularly to establish uniform registration of plants.

It was also decided that in the call for the first meeting of incorporators, the Carnation, Chrysanthemum, Rose and Dahlia Societies be invited to send representatives to participate in the preliminary work of organizing the Society of American Florists under the new charter. Further consideration of the relations of the Society of American Florists with other horticultural bodies throughout the country resulted in the adoption of an order offering one silver and one bronze medal, each to be awarded through ten designated organizations that maintain at least one regular public exhibition annually, the medals to be awarded for new and meritorious plants or flowers of American origin.

Matters connected with the coming convention and routine business of the current year were then taken up. It was decided that the meetings and exhibition should be held at City Convention Hall, Buffalo, N. Y., opening on

A House of White Cloud Carnations at the Establishment of Wietor Bros., Chicago.

Tuesday, August 6, 1901, and continuing for five days. The following general arrangement of the program was adopted, subject to such changes as may appear necessary later on:

Tuesday forenoon—Usual opening exercises, reports of officers, etc. Afternoon—Judging trade exhibits and entertainment of visiting ladies. Evening—President's reception and stereopticon lecture.

Wednesday forenoon—Nomination of officers, selection of next meeting place and discussion on the adoption of constitution and by-laws under the charter. Afternoon—Shooting tournament and meeting of auxiliary societies. Evening—Stereopticon lecture.

Thursday forenoon—Election of officers and papers upon the following subjects: "Flowering Plants and Their Treatment for Christmas Sales;" "American Beauties for January Cut;" "Results of Second Year System With Tea Roses Under Glass." Evening—A paper on "Steam Heating for Greenhouses," covering the amount of each kind of coal required to evaporate a pound of water and of each kind of coal to produce a horse-power per hour, in establishment of varied specified extent. The paper to be by a scientific expert and followed by a discussion by experienced growers.

Friday—A visit to the Pan-American Exposition as guests of the Buffalo Florists' Club.

Saturday—Bowling tournament.

A reciprocal arrangement regarding the general management of the trade exhibition was made with the Buffalo Florists' Club, similar to that made last year with the New York Florists' Club. The rule admitting plants or flowers free to the trade exhibition, when entered for exhibition purposes only, was abrogated. Otherwise the rules as to space, judging, awards, etc., all remain as before.

The following appointments were made: Botanist, Dr. N. L. Britton; entomologist, Prof. L. O. Howard; vegetable pathologist, Prof. A. F. Woods; superintendent trade exhibition, Mr. Chas. H. Keitsch. Committee on sports, James Braik, William Scott and W. B. Scott. W. R. Smith was added to the committee on permanent home.

The committee on Final Resolutions, consisting of J. D. Carmody, Alex. Wallace and R. Witterstaetter, presented the following, which was adopted:

"The members of the executive committee of the Society of American Florists in meeting assembled, desire to express their thanks to the Buffalo Florists' Club for the magnificent hospitality and many courtesies shown during their stay in this city; also to such of the daily press as have kindly made mention of our sessions in their columns."

WM. J. STEWART, Secretary.

EMPLOYER AND EMPLOYEE.

From the Employee's Standpoint.

BY HERMAN KNOPF.

(Read before the Detroit Florists' Club.)

You employers know better how to use your men than I can tell you, but I will try to give my ideas as to how an employer should treat his men and how employees should treat their employer. What I am about to say will concern those employees who are in charge of places more than others.

The man who has charge is responsible for almost everything on the place and for the work that is done or that should be done. When an employer engages a man to take charge of his place he naturally makes a number of promises. He agrees to pay the man a certain amount per week or per month, and to do certain other things, according to circumstances. If the employee agrees to these propositions, goes to work and proves himself capable and trustworthy, the employer should make it a point to fulfill his own part of the agreement. Of course, there are exceptions to all rules, but the rule is that the premises are rarely lived up to.

When an employer agrees to pay his men once a week or once a month, as the case may be, he should see that they are paid at the time stipulated. The men naturally expect to be paid according to agreement. It is hardly fair to expect the other party to the agreement to keep its stipulations when you do not live up to your part. If this part of the agreement is kept it creates a better feeling all around. I have often heard men complain and say: "I will have to leave that man. Instead of paying according to our agreement, I get $3.00 this week, and $4.00 or $5.00 the next week, and as a result I am unable to meet my own bills and the money don't do me any good."

If that employee had proven himself to be a good man I think it would be money in the employer's pocket to pay him according to agreement, rather than let him go. In this trade good men are just as scarce as good places. Again, if an employee leaves his place because of the failure of the employer to pay according to agreement he will naturally communicate the fact to other employees he happens to know, and as good men do not have to take every place that happens to be open that employer will soon be unable to employ any but men who are undesirable in some way; and changing men often is certainly unwise.

Further, if an employer has a good man or men, he should use considerate and temperate language in talking to them, and the employee should see that he does likewise. I have had quite a few men under me and have always found that they will do more and do it better when considerate language is used, than when cursed at or a big fuss made. If an employer is of the swearing, fussing kind, his employees will generally work only while he is looking at them, and they will be thinking more of the clock than of their work.

An employee should always do for his employer as though he was doing for him-

self. He should devote his best energies to advancing his employer's interests. He will find that it pays him as well as his employer.

But when a man is engaged to take charge of a place he should be given charge and considered the responsible head, and there should not be several men with more or less authority giving contradictory directions. Employers should never take a man away from a job given him by the foreman and set him at something else. If he thinks the other work is more important he should speak to the foreman about it and let all orders to the men come from the foreman. Then there will be no confusion or working at cross-purposes. The men would have more respect for both employer and foreman, and there would be a better feeling all around.

And the man in charge should get a little credit for good work done under his supervision. When an employer goes through a house of stock in fine condition, it will be to his own advantage to make some remark expressing satisfaction with it. It will give encouragement to the man in charge and make him feel like putting forth further effort. I have heard employers say that if they should do this their foreman's head would get swelled and he would imagine himself to be indispensable, etc. There may be some fools of this description, but I am sure that as a rule a man that has brains enough and skill enough to be a good grower has got intelligence enough to accept a few words of commendation without getting a case of swelled head.

It will pay also to give the foreman a little credit when visitors call. It is too often the case that where things are in good shape the employer takes all the credit, and it is only when he comes to something that is not prospering that he remembers the foreman.

Employers would also find it to their interest to occasionally take their foremen with them when they visit other establishments. It would show good will and generosity and the observations of both talked over together would redound to the employer's benefit. I don't mean that such trips should be frequent. Two or three times a year would be sufficient. We can always learn by looking over the work of others, no matter how much experience we have had.

In this trade we have no standard of wages or of hours, such as they have in other trades. For greenhouse men I think that ten hours should constitute a day's work, especially in the summer time, when the work is hardest. A man who has worked faithfully under glass in the summer will feel almost exhausted when 6 o'clock comes and will sometimes feel too tired to eat his supper. In my opinion, if a man can't do enough for his employer in ten hours he wouldn't be able to satisfy him if he worked twenty hours.

I often hear employers complain of men leaving them without giving notice. It is certainly wrong for an employee to do this. When the man is engaged a certain length of time for notice in case of a desire to terminate the engagement should be agreed to, and this agreement should be kept by both employer and employee.

SEND your order and copy as early as possible for advs. in our special spring number, to be issued March 28.

TORONTO.

The Carnation Show.

The second annual carnation show held by the Gardeners' and Florists' Association and the Horticultural Society combined took place in the Horticultural Pavilion. Some dozen or so of exhibits not having arrived the show was not quite so extensive as was expected and there was plenty of room for more, but the hall was not a bit too large for the crowds that attended, and as what exhibits there were, were first class, new and interesting, there was no dissatisfaction expressed. There is nothing like a free show for bringing out the people, and, though there is no money in it for the societies, there is money in it for the exhibitors. Ergo, if societies provide $ for holding free shows, whereby exhibitors at said shows make $ by showing their wares, the said societies deserve the moral and financial support of the said exhibitors, to enable the said societies to provide $ for holding free shows whereby exhibitors at said shows make $ by showing their wares.

It is a great treat to the undersigned to visit Toronto during a flower show and to meet under one roof all his old friends in the trade and to find that their friendship is still as green as ever. Carnation shows seem to be especially fitted for renewing old friendships and making new ones, there is so much material at hand to talk of and compare notes about. However, your space is too valuable to be taken up with moralizing, pleasant occupation though it may be.

I will notice the various exhibits and my own impressions of them as I took them down in my note book at the time. The first was a rose, "White Golden Gate," exhibited by Messrs. Strauss & Co., Washington, D. C. It was a grand bunch of 50 magnificent roses with stout, straight stems, but to my mind the flowers are not so well formed as Bride.

Prosperity Carnation (666) was exhibited by Messrs. Dailledouze Bros., and I was very much disappointed; size is all it has to recommend it. "Hoosier Maid," shown by A. Rasmussen, New Albany, Ind., appeared to be a good, useful white as far as one could see; strong stem, good calyx and flower.

Cottage Gardens, Queens, N. Y., sent "Novelty," lemon yellow edged with pink; "Golden Beauty," darker yellow tipped with pink, and Gov. Roosevelt, dark crimson; all appeared to have good points of their own, especially the latter.

R. Witterstaetter, Cincinnati, O., sent good bunches of Estelle, Elinora and Opal, which had unfortunately been frozen on the journey. They are, however, well known. Estelle (a fine scarlet) I noticed favorably last year. I hear it is very slow of propagation.

Messrs. J. Gammage & Son, London, Ont., sent a very fine exhibit of standard sorts: Joost, Lippincott, Bradt, Olympia, Glacier, E. Crocker, Leslie Paul, Mary Wood, Lawson, America, Lord and Rosy Morn, a fine cerise pink, very fetching.

F. Dicks, a carnation specialist, also of London, Ont., had a very fine display. Van Horne, a bright pink which appears to be making its mark; Expectant, a strong growing white of good form of Canadian origin; Eldorado, always good with Mr. Dicks; Bradt, and a very fine bunch of Rosy Morn.

R. Jennings, of Brampton, sent up some fine Van Horne, Minto, Flora Hill, Crane (very good), Bradt, Jubilee (very good), Daybreak and Maceo; also some good Princess violets. W. Fendley, also of Brampton, also put up a very good exhibit of Princess, Farquhar and Imperial violets, and of carnations, Cerise Queen (a fine sort if grown inside), Scott, America and Maceo. Messrs. W. J. Palmer & Son, Buffalo, sent over truly magnificent bunches of White Cloud, Marquis and Lawson, certainly the best of their kind in the show.

Peter Fisher, Ellis, Mass., sent a very fine bunch of Lawson which made a good impression on the trade; it seems to be the general opinion that Lawson is in it to stay. M. L. Tirrell, Randolph, Mass., sent his "Liberty," a good bright salmon color.

J. H. Dunlop, Toronto, put up eighteen fine varieties, all in good shape. Morning Glory, a beautiful variety taking the place of Daybreak, now nearly extinct; Gomez, Maceo, Olympia, Bradt, White Cloud, Ward's Red (very good and bright), Red Bradt, G. H. Crane, G. Lord, Melba, Mary Wood, Van Horne, E. Crocker, Red Jacket, Marquis and Lawson.

W. Lawrence, Mimico, made a very beautiful display of roses, carnations, mignonette, Lilium longiflorum, etc.; his large bunches of select Brides and Maids were grand. H. Spavins, Mt. Kisco, N. Y., sent "Mrs. James Wood," a pretty bright scarlet.

J. L. Dillon, Bloomsburg, Pa., sent his famous "Queen Louise," which looks as if it might be one of those whites we have all been looking for. The North Toronto Floral Co. put up two grand vases of Bride and Maid roses and had some very good Marquis carnations. F. C. Miller, Bracondale, Ont., showed some of his Van Horne and Lady Roberts in fine shape, and another pink named Lord Strathcona, which will be heard from later on.

Chris. Besold, Mineola, N. Y., sent (arrived late) his "Goethe," a light pink, and Admiral Cervera, variegated yellow. The Floral Exchange, Philadelphia, sent Queen of Edgely, which arrived during the banquet, about 10:30. From a distance I could see a grand vase of pale pink roses, a very taking color by artificial light.

The judges appointed to report on the various exhibits were Messrs. W. Mott, Philadelphia, and B. Myers, Buffalo. They were workers from the word go and conscientiously examined every exhibit, giving points according to standard scale. A handsome cup presented for competition by Miss Hallam was won by Messrs. W. J. Palmer & Son, Buffalo, for the best vase of carnations in the show with Marquis, which was really splendid. Some thought that the vase of White Cloud by the same exhibitor should have got the cup; it was hard to choose between them; both were perfect.

The banquet in the evening was well attended by the craft and a most enjoyable time was spent. The mayor of the city was present along with some of his aldermen. Speeches were short and pointed and songs were inspiring. The only thing wanted, perhaps, to round matters off was the presence of the Great Scott. O Willie, we missed you.

Mr. Thomas Manton read some startling notes on carnations, taken from "Flora Historica" (I think that is the name) of 1829, to the effect that our standard for size of bloom now is only half an inch larger than it was at that date, the standard for stem, calyx and

petals even exceeding that of the present day.

Many outside florists were present (though I was sorry not to see any from Montreal). Amongst them were Messrs. J. Gammage and Dicks, of London; H. Brown, of Hamilton; J. Gilchrist, Guelph; E. Dale, G. Mullen, W. Fendley, R. Jennings, Brampton; W. Mott, Philadelphia; B. S. Myers, Buffalo, and others.

Mr. George Mills, as usual, was superintendent of the show, and it goes without saying that no stone was left unturned to make it the success it was.

A. H. Ewing.

MISSOURI BOTANICAL GARDEN.

The Succulent Houses.

From the director's administrative report for 1900, which has recently been issued, it appears that the plant houses at Shaw's garden have been increased by the addition of a Yucca tower, an Acacia house and a Cactus house, of steel-rafter construction, with sunken pipes, the plants being planted out naturally so as to give an idea of their appearance in nature.

The collection of succulents at Shaw's garden is probably the largest in the world, and is variously housed, but in the new ranges a few selected species are displayed in specimen plants so as to give a clear impression of the groups to casual observers. The accompanying illustrations are from photographs which have been kindly sent to us by Mr. A. G. Ulrich, of St. Louis, who, by the way, is not a cactus sharp but an amaryllis amateur, possessing a large private collection of this latter group.

Cacti at the Missouri Botanical Garden.

SWEET PEAS.

(Read before the Germantown, Pa., Horticultural Society, March 11, 1901.)

The sweet pea, which grows wild in parts of Italy and in the islands of Sicily and Sardinia, was introduced into England two hundred years ago. Since that time wonderful progress has been made in its development, until today we have flowers with a variety and richness of coloring, combined with delicious fragrance that was not dreamed of in the past. With this improvement in the sweet pea, brought about by years of faithful work in its culture, has come an increase in popular favor which has brought the sweet pea to the front rank among our flowers, both in the garden and in the greenhouse.

The skillful work of the hybridizer has produced varieties that enable us to prolong the blooming season of the sweet pea so that it extends throughout the entire year, possibly excepting the months of August and September, in an unfavorable season. June and July are, however, the months when sweet peas in and about Germantown are in their glory; during these months each one of us who has a small plot of ground that is exposed to the sun may readily grow fine sweet peas.

It is important to commence quite early just as soon as the frost is out of the ground. This is generally about the middle or end of the present month, the object being to get the vines well rooted before the warm weather starts them into active growth. Select a sunny spot in the garden and as soon as the ground is dry enough, clean it thoroughly and cultivate, then dig a trench nearly a foot deep and a spade wide. Let this trench face the south if practicable. If it is desired to have two or more rows they may be dug parallel to the first row and with about four feet between. When the trenches are dug, put in three or four inches of good barnyard manure and cover this evenly with a like depth of soil. The trenches are now two-thirds full and ready for the seed, which should be sown somewhat more sparingly than ordinary peas.

Cover the seed very carefully until the trenches are half full or within an inch or two of the ground level, using great care to keep the soil both above and below the seed even and free from lumps; this is very important to success and should be done by a person accustomed to the use of the hoe. When the seed gets well up in the trenches another careful hoeing should be given, the remainder of the soil from each side being drawn lightly up to the rows. This is all the cultivation required except a hoeing to keep the weeds down; usually one is enough and pulling out any stray weeds that may appear in the rows.

When the vines are six inches high they will require support. The best way is to use wire netting with a one inch mesh, known as chicken wire; it comes about four feet wide and can be cut in any desired length. Stretch this wire tightly, close to the rows and fasten it to uprights driven into the ground. The effect is very neat. The wire is not expensive and when rolled up and put away in a dry place at the end of each season it will last for years. The vines will need a little training, especially when the support is first in place.

When the vines begin to bloom it is important to pick all the flowers as soon as they are fit, for if they are allowed to go to seed the blooming season is very

much shortened. Flowers damaged by rain should not be allowed to remain on the vines.

Sweet pea seed should be purchased in separate colors and not in mixed lots. Much better results can be obtained in the garden by keeping the tall and dwarf, the early and late, varieties separate, and far more beautiful and varied effects can be produced with the cut flowers.

For pink and white, the best varieties are "Earliest of All," "Extra Early Blanche Ferry" and "Blanche Ferry." These are similar in color, but give a succession of blooms which is very acceptable. White, Emily Henderson early, and Blanche Burpee later; pale pink, Lovely; lavender, Countess of Radnor; red, Salopian; purple, Navy Blue, not fully described by title or name; orange-salmon, Lady Mary Currie. This is sufficient variety for a good assortment; the seedsmen's catalogues furnish almost endless variety should others be desired.

PHILADELPHIA.

The Market.

The cut flower business of this city has been very fair since the beginning of Lent. Prices have fallen and the volume of business has been smaller, yet the demand is steady and the supply of first grade not excessive. In view of the number of society people who have gone to Florida and the Atlantic seaboard and the falling off in shipping orders, the conditions are satisfactory, indicating that the love for flowers is not confined to the wealthy few, but is widespread.

The weather was exceedingly cold for several days, the thermometer reaching 8 degrees one morning. This drop in temperature probably prevented another kind of drop, steadying the somewhat shaky market. Roses held well. Beauties bringing $1.50, $2, $3, $4, and a few $6 a dozen. Teas, $6, $8 and $10 a hundred. Carnations, fancy, $3 to $6, ordinary $1. Violets go slowly, singles at 15 to 25 cents a hundred, doubles at 25 to 50 cents. Bulbous stock showed signs of weakening here and there. Tulips were fairly strong at $3 and $4 a hundred. Double daffodils sold nominally at the same price, but some very cheap lots were offered, generally inferior blooms. It is an open question whether many of us would not be better off with this inferior stock back in Holland or Italy. Valley brings $2 to $4 and is very fine. These quotations do not begin to cover the market, but they give a general idea of prices on the most frequently seen stock.

Various Notes.

Tulips and daffodils in pots and pans are selling quickly. It is sad to see the swell retailers digging bulbs up out of boxes and sending them out in pans. Surely these are not progressive, modern methods. Bulbs so handled can scarce help collapsing in a jiffy.

The club meeting was held on Tuesday. W. P. Craig read a paper on the Baltimore convention of the Carnation Society. There were a lot of interesting exhibits. The evening closed with a smoker which was much enjoyed by all who were present. Mr. Westcott!

The preparations for a plant Easter are tremendous. Besides the few large wholesale growers, who make a specialty of Easter, all the retail growers who market their product from their greenhouses will be in it, also some of the growers who usually depend on cut flowers. In short, every one will have a finger in the pie excepting just a few dyed-in-the-wool cut flower growers and a few others off in some lonely spot where the commission man's visit is a great annual event and Easter is almost unknown. The result will be watched with interest. It is too early yet to go much into details of the variety and quality of the stock. Phil.

BOSTON.

Trade Conditions.

March 2 to 9 enclosed a mixed-up week. Both supply and demand were very irregular and naturally fluctuated so as to be mutually disadvantageous. Prices have galloped up and down the whole gamut from almost nothing to fairly good. The wholesale ice-chests have at all times managed to keep a supply of bulb stuff on hand, if nothing else, and part of the time have been running over with everything. But for a week of the early part of Lent I think the fraternity can congratulate itself. The use of red roses has been particularly gratifying on account of increase in the crop and the fact that they are not supposed to be used much in funeral work, which must be the backbone of present trade.

The Floral Exhibition.

It was all right and fully demonstrated its value as a means of introducing prospective buyers of new blood for their impoverished benches to all who make claims to being able to supply the article of proper lineage. The little annual affair is surely the place to start an interest in a new thing and to keep up an interest in a good old one. It seems, however, to be getting more and more a New England affair, since only one entry of a foreign nature was shown. This was by E. A. Nelson, of Indiana. J. L. Dillon, of Bloomsburg, Pa., forwarded some of his new white Queen Louise, but they unfortunately arrived in bad shape.

The following entries of new and standard kinds show how fully the ground was covered:

Dark red. Saxon, by S. J. Goddard; Harvard, No. 999 and a seedling, by J. W. Tailby & Son.

Red. Crane, by Ingram & Lynes; Cardinalis, by M. L. Tyrrell; a seedling, by J. Butterfield; 33x46, by A. Roper.

Pink. Mrs. Lawson, by Fisher, Patten, Nicholson; N. by A. Patten; Eleanor Ames, by D. Carmichael; Cressbrook, by C. Warburton; Liberty and Emeline, by M. L. Tyrrell; Copley, by C. S. Cooper.

Light pink. Marquis, by Ayer, Buxton, Twombly, Nicholson, Richwagen; Genevieve Lord, by Nicholson; Mrs. E. A. Nelson, by E. A. Nelson.

Very light pink. Daybreak, by Sim; No. 170, by Fisher; No. 35, by Roper; Beau Ideal, by N. D. Pierce.

White. Eastern Star, Gov. Wolcott and What Is It, by Fisher; Nos. 24 and 101, by Roper; Mary Whitney, by Carmichael; Lady Smith, by Edgar; Goodenough, by S. Littlefield; White Cloud, by Twombly, Buxton, Patten.

Yellow. Eldorado, by Nicholson.

Variegated. Bradt, by Cummings, Nicholson, Buxton, Patten; seedling, by Fisher; Crawford, by C. S. Cooper; Nos. 1, 9 and 99, by Roper.

Mignonette. Boston Giant, by Evans; Allen's Defiance, by Patten.

Palms and Ferns. Fine assortment by A. Leuthy.

Lilies. Elegant display by E. N. Pierce & Sons.

Violets. Single, by Conley, Sim, Cummings, J. H. Newman, Jelfrey & Co.; double, by Conley, Chapin & Co., J. S. Smiley, Horrigan, Small; white, by Smiley.

Antirrhinum. Red, by S. J. Goddard; white, by Geo. E. Buxton.

Begonias. Wellesley, by J. W. Tailby & Son.

The opinion of the committee, Messrs. Patten, C. Cartwright and L. H. Mann, on new seedling carnations is expressed as follows, backed up by beautifully designed certificates: No. 35, 89 points; Goodenough, 89 points; Beau Ideal, 86 points; No. 1, 87 points; Cressbrook, 94 points; N, 87 points; Mrs. E. A. Nelson, 94 points; Eastern Star, 96 points.

Messrs. Spillsbury, Roland and Zirngiebel awarded general cash prizes on single violets to Sim and on doubles to Chapin & Co.; on light pink carnations, first to Ayer and second to Patten for Marquis; on dark pink, first to Fisher and second to Patten for Lawson; on white, first to Patten for White Cloud and second to Fisher for Eastern Star; on yellow, to Nicholson (only exhibitor) for Eldorado; on variegated, first to Buxton and second to Patten for Bradt.

Cash awards were disarranged by exhibitor putting in more than the prescribed number to the vase and the committee adhering to the rules of the Carnation Society.

Daniel Hiffe made a very interesting exhibit of iron greenhouse fittings.

All this occurred on my "busy day" and I hold myself in readiness to be forgiven for any errors or omissions.

J. S. Manter.

CINCINNATI.

Florist's Club's Monthly Exhibition.

The regular monthly exhibition of cut flowers, given by the Cincinnati Florists' Society, was held at the club rooms last Saturday afternoon and evening. It was a special carnation exhibition and was one of the grandest displays ever held in this city. Quite a number of the craft from neighboring towns were present, and after the show a few of our sports took the visitors out to see Cincinnati after dark. Your scribe met a number of these visitors Sunday morning, and then shook hands with himself for not going out with the crowd.

Albert Sandbrunch, Ed Gillett, Jas. Allan, Wm. Murphy and Frank Ball served as judges and awarded the following prizes:

W. K. Partridge for best vase of carnations, mixed commercial varieties, 100 blooms.

Best vase of carnations, 50 blooms, any variety, was awarded to H. Weber & Sons for Lawson.

The best vase of white, light pink, red and variegated went to W. K. Partridge for White Cloud, Morning Glory, Red Bradt and Mrs. Geo. M. Bradt, respectively.

R. Witterstaetter took first for dark pink with Lawson. Dick also won the ventilating apparatus offered by the Quaker City Machine Company, with Enquirer for the best seedling carnation.

Partridge and Witterstaetter both had fine displays of blooms, but the former took the $10 prize offered for the best separate display.

There were also quite a number of flowers entered for exhibition only.

The following seedlings were judged for certificates: Mrs. E. A. Nelson, introduced by E. A. Nelson, of Indianapolis, a grand pink, color and form of Scott, scored 91½ points. No. 723A, a good white, by Witterstaetter, scored 86 points; Norway, white, by H. Weber & Sons, scored 85 points. They also exhibited Egypt, a beautiful crimson, which scored 86½ points.

The American Rose Company sent on their new rose, the white Golden Gate, but it failed to receive the number of points required for a certificate, which was probably due to the distance it was shipped.

The following visitors were in town during the past week: H. Heller, New Castle, Ind.; J. A. Evans, Richmond, Ind.; Geo. M. Garland, Chicago; G. Teilmann, Marion, Ind.; Jacob Schulz, M. Kunsman, Louisville, Ky.; H. Rieman, Wm. Bertermann, Ed. Bertermann, A. Wiegand, E. A. Nelson, J. Grande, Robt. McKeand, M. Billingsley, J. Hartje, Indianapolis, Ind.; Geo. A. Heiml, Toledo, O.; Jno. Heiml, Terre Haute, Ind.; M. Rasmussen, New Albany, Ind.; Jos. Rolker, New York; S. S. Skidelsky, Philadelphia; Theo. Bock, Hamilton, O. B.

INDIANAPOLIS, IND.

Trade Notes.

Business in this city is keeping up well considering that it is Lent and the florists are supposed to have little to do. There may not be so many swell affairs that take a lot of stock, but there seems to be enough doing to keep all the good stock used up right along. Good roses and carnations keep sold up clean, but of violets there are many more than can be disposed of and of bulb stuff there is also plenty.

A trip around to the growers showed them to be in good shape and most of them have some good stock coming on for Easter.

John Hartje has violets by the million and his Princess of Wales are simply loaded with grand blooms. John has enough carnation seedlings to plant an acre and if numbers count for anything he ought to be right in it.

Henry Rieman always has his place in trim condition and he is always busy; this time it was funeral work. His cinerarias and Primula obconicas are fine. These primulas sell better than the Chinese strain when grown well like these are.

Bertermann Bros. have a lot of fine stock coming on of all kinds needed for a store trade. They have lilies by the thousands in all stages. They have several hundred Mrs. Lawson which are doing fine and they are so well pleased with it that they intend to plant a bench of it next season.

E. A. Nelson is proud of his seedling carnation which he has named Mrs. E. A. Nelson and he says it scored pretty high at Cincinnati on March 9. No visitor goes away without having a good look into the house which he has planted to it. This variety will be in evidence at the annual meeting which is to be held in our city next year.

Baur & Smith have their carnations in fine shape. They are, by the way, the only growers around this city who are successful with E. Crocker and it is fine with them. There is no sleepiness or streaks about their blooms. Among their seedlings are some grand things that will no doubt be heard from at the proper time. Cyclamen in 7-inch pots 2 feet across and full of bloom are seen here and they have sold well. Their best Easter stock is a lot of Crimson Ramblers in pots which are coming along in fine shape.

On the 8th a party of florists went on a trip to New Castle, Richmond and Cincinnati where they attended the special carnation meeting on the 9th. They report a good time and no doubt the writer has missed a pleasant trip. Full particulars are not obtainable as yet, as the boys need a little more time to recover from the effects before they can talk and think clearly. A. B.

BUFFALO.

Last week should have been the best weather of the winter, but, alas, it was the worst. On Tuesday morning last arrived promptly on time that august body known as the executive committee of the S. A. F. and O. H., and I honestly think that for intelligence and business ability they will compare favorably with any previous committee of the good old society. President Patrick O'Mara, Vice President Wm. F. Kasting, Secretary Stewart, Treasurer Beatty and J. D. Carmody, B. Cartledge, R. Witterstaetter, J. F. Sullivan, E. M. Wood, Emil Buettner, C. W. Ward and Alex. Wallace. This accounts for all of them except Prof. Cowell, who is in Jamaica, and Lawrence Cotter, who we did not have the pleasure to see in Buffalo. Their deliberations and conclusions will all appear in good time. A very able presiding officer kept them at work and by Wednesday noon their labors were over.

Now, never did the poet say anything truer than that "The best laid schemes o' mice an' men gang aft a-gley." We had a half dozen sleighs engaged for a trip around the Pan-American grounds, but riding was out of the question. It was the cold, blustering, drifting day of the winter, and to hurry from one point of shelter to another was all the visitors could be induced to do. Had the Midway, with its most alluring features been running, it would not have sufficed to hold even the older members of the party and a return to the city, where a warm and comfortable bowling alley was ready to receive us, was highly welcome.

Three games were played, but as the sides represented no particular section of the country the scores are not important. Vice President Kasting was captain of one side and W. S. of the other, and in spite of the good playing of Mr. Kasting and the feeble effort of W. S. the latter's team won all three games. I tell you when you have such veterans as R. Witterstaetter and such a colossus as Emil Buettner and such weight and energy as Capt. J. Brink on your side you can't very well lose. Any team that has six Mr. O'Maras next August will stand a good chance of finishing on top. He is a straightforward, earnest roller and is there every time.

It is impossible to notice the many different styles, but those who have never seen J. D. Carmody and ex-President Wood roll know little about the intricacies and possibilities of this popular game. Carmody approaches the line with a low, stealthy, crouching gait, such a position and action as you would imagine was that of a man-eating tiger when about to feast on an unsuspecting Hindoo maiden. For his age he has remarkable speed, and is great on spares, a sure indication of a good eye, and every florist knows that meat saw eye.

Mr. Wood's position and delivery is entirely different. He approaches the balk line with a pleasant, ambling gait with the ball dangling at the end of his fingers as if he would be very glad to get rid of it, as you will occasionally see a man removing a dead cat from some locality where it was out of place. There is a great lack of speed compared with the expert players, but the triple screw on the ball makes up for all that. It first runs to within an inch of the left hand gutter, then curves over to within a hair-breadth of the right and then rolls up against the center pin. Here is where what is known as the back screw tells, for twice out of three times down tumbles every pin. It's remarkable and cannot be fully described.

John Evans is quite a bowler; pity there are not a few more like him in Richmond. Our Dan Long was great on double headers and if he had a little more control of the ball he would be a dangerous man.

The evening was spent at a vaudeville show, but not the one we intended. Buffalo has as fine a house in this line as any in the land and much finer than can be found in many big cities, but, alas, the White Rat trouble shut up that one and a poorer quality was indulged in. Several carnation enthusiasts visited Mr. Palmer's place on Thursday in company of Mr. Palmer and W. S., and I believe enjoyed it very much.

The committee was well pleased with the convention hall and all expressed the belief that the society has never had a better meeting place. Excuses or apologies are worse than idle, but I do feel that a greater welcome could have been given the visitors, but things were "agin us" and there is plenty of opportunity in store to redeem ourselves.

Business has been just fair for Lent, with plenty of flowers. We were very sorry we could not visit Toronto to participate in their carnation exhibition. Mr. W. J. Palmer is the proud possessor of a beautiful silver cup known as the John Hallam cup, which was awarded him at Toronto for a fine display of the leading varieties, including Lawson and the Marquis.

The principal visitor in town last week was Mr. Arthur Cowee, of Berlin, N. Y., the well known gladiolus specialist. Although it is only a side issue with him, he is marvelously successful, as the whole country knows, and he deserves to be, for he puts brains, energy and snap into his work. It is gratifying to know that in conjunction with Mr. Groff of Simcoe, Ontario, they will make the largest exhibit of gladiolus at the Pan-American that has ever been staged.

W. S.

ST. LOUIS.

The Market.

Business is still in the same quiet condition that it was in last week. Prices on all grades of stock are on the downward grade. This is especially true of roses, violets and bulbous stock; the latter is a great glut at all the commission houses.

Carnations are holding up fairly well and most of the better stock is disposed of at $2, extra fancy ones bringing a little more. In 500 lots they can be bought for $1 per 100.

Roses are very abundant and the de-

mand fairly good; $2 to $5 is about the top price for good stock; short-stemmed stock of the poorer grades is down to $1 per 100. The quality of this stock is better just now than it has been at any time this year. A few cold and cloudy days the past week put a check to the supply, but it is still more than sufficient to meet the demand.

The market is overstocked with violets and the commission men have great difficulty in selling them. Prices, of course, are way down, some selling as low as $1 per 1,000 in 5,000 lots. A great many of them were dumped the past week.

The same can be said of bulbous stock. Great piles of all kinds are stacked up at the commission houses. Romans, paper whites, daffs, Dutch hyacinths, tulips, valley, freesias, callas and Harrisii suffer alike. Prices can hardly be quoted at this writing. Sweet peas are a drug on the market and can hardly be given away. Smilax is selling well and seems plentiful.

A very active shipping trade was reported the past week, and this helped the wholesalers to dispose of some of their surplus stock.

Among the local growers Easter stock, such as azaleas, daffs in pots, tulips and hyacinths in pans, hydrangeas, spiraeas, pot lilacs and other stuff, is looking fine and all of them expect a great business in that line for Easter.

Various Items.

It was a great sight and a great crowd that gathered at the Union Station last Thursday to celebrate the return of ex-Governor Francis and his associates from Washington. Nearly everybody brought a bouquet to throw at the governor and his colleagues, and they deserved all they got, as they have done much to bring the World's Fair to St. Louis.

In the afternoon Governor Francis and the rest of the World's Fair workers were given a dinner at the Planters'. On the tables were four large bouquets of American Beauties, six dozen in each vase, tied with the national colors. The decorations were much admired and Mrs. M. M. Ayers deserves great credit for the skillful manner in which the work was done.

The Engelman Botanical Club met Thursday night, March 7, at the St. Louis Medical College. Prof. William Trelease spoke on "The Missouri Botanical Garden" and illustrated his talk by stereopticon views.

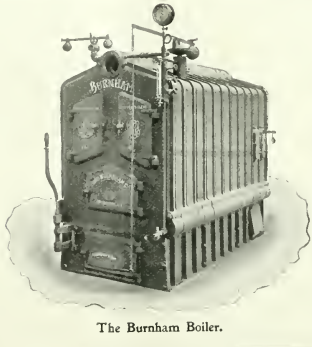
Henry Ostertag, of Ostertag Bros., leaves tonight for Chicago to decorate the store for the opening of the new branch of May, Stern & Co.

Theo. Miller makes a fine show of blooming plants at his place on Delmar boulevard.

The bowling meeting was poorly attended Monday night, only six members being present, and the rolling was not up to the standard. The scores were as follows:

	1	2	3	4	Tot.	Av.
C. A. Kuehn	167	202	153	160	683	171
J. J. Beneke	177	137	163	179	656	164
J. W. Kunz	154	145	146	...	445	148
John Young	158	125	128	....	411	137
Will Adels	79	179	143	128	529	132
F. C. Weber	121	127	134	122	504	126

J. J. B.



The Burnham Boiler.

WASHINGTON.

The decorations at the recent inaugural ball were naturally an object of some little interest to the craft, and all who could get a glimpse of them did so. The writer was there and after consulting others in the trade who inspected them it was agreed that it was the finest electrical display ever seen anywhere. Without the millions of electric lights the decorations would have looked very ordinary. The material used for the main decorations was needle pines and southern smilax. On the first balcony at intervals of about fifteen feet were clusters of red azaleas. Victor wreaths were used all around the hall. A group of Bougainvillea Sanderiana in the center of the hall, with specimen areca palms was fine.

As to corsage flowers, every one seemed to have agreed to wear violets with few exceptions.

The stores report business very good during the inaugural ceremonies. Violets were scarce, as it was a Monday. Nearly all of the violets used here come from Virginia, and the Virginians will not pick flowers on Sunday.

Mr. Gude reports business as very satisfactory. Loose's sweet girl clerks were busy when we called, and Small's had about as much as they could handle. Charley Hale was hustling violets Monday, and he had some fine Beauties in his window. Blackistone is doing well and is getting in shape for Easter. Just across the street a very artistically arranged window strikes the eye; Mr. Oehmler reports business as even better than expected, considering the short time he has been there. Bolgiano and the rest up Fourteenth St. all seem to be moving. Mr. Robertson, on Connecticut Ave., reports good business last week, and Mr. Freeman, on Thirteenth St., has some exceptionally fine cyclamen and azaleas in his window.

Fourteenth St. has at present seven florists, and some of them keep open till midnight. It looks as though there might soon be some all night flower stores here.

Senator Foraker had a large dinner on the 3d and another on the 7th. The flowers used were double yellow and red Tournesol tulips, and the center piece was a scroll running from the center to each end of the table. It was arranged by Mr. Oehmler, and was much admired. He also arranged the decorations at another dinner on the 3d, at which many Meteors and Romans were used. The parlors were decorated with palms and azaleas. Baron.

ST. PAUL.

Various Items.

Lent has produced an appreciable dullness in trade, though Saturday night usually finds stocks pretty well cleaned out. Prices are somewhat lower than they were but are still high enough to be profitable to the growers.

As Easter approaches the shortage of good stock becomes more apparent and unless we have exceptional weather during the next three weeks there will not be enough for the demand. Lilies are late, while many of the longiflorum seem to lack vitality to bring blooms. Azaleas as a rule are looking nice and will be in good shape and full of blossoms for the spring holiday. Some very good cinerarias are seen, and a few nice hydrangeas. There is the usual abundance of cheap bulbous stock, such as tulips, hyacinths, etc.

In cut flowers there will be a good supply of all seasonable stock. A careful study of the local market from a retailer's point of view suggests the following hints to the growers in this vicinity: Plant more carnations, violets and Beauty roses, if you have the house to grow them in. Grow the fancy varieties of carnations and do not invest too heavily in high-priced novelties. The trade here demands good stock, but will not pay fancy prices for novelties. There has been an unusually good demand for Beauties this winter, but do not attempt to grow them in old or poor houses. Violets pay handsomely, provided you can get a full crop for Christmas and a good supply from then until Easter. Grow fewer bulbs, but put in Harrisii and longiflorum. In bedding plants grow geraniums and cannas, and in every line you undertake endeavor to grow only the best.

Travelers of late have been very numerous, and all report good sales. We remember the following. Others may have been here but are forgotten for the moment. Jos. Rolker and J. McHutchison, of New York; Martin Reukauf, of Philadelphia; Mr. Schucht, of Milwaukee; the representative of Waarnar & Co., of

Holland; A. L. Vaughan, of Chicago and New York; E. M. Parmelee, of Pictou, Ont.; Mr. Spero, talking baskets, and Mr. Roberts, talking jardinieres.

X. Y. Z.

THE BURNHAM BOILER.

The "Burnham" boiler, for steam and hot water heating, which is the subject of our illustrations, will need no introduction to the greenhouse trade, as this boiler has been well known during the past years under the name of Lord & Burnham Company's sectional heater. Owing to the increased demand for these boilers it was found necessary to increase the line and at the same time add improvements which, no doubt, will be appreciated by the trade in general.

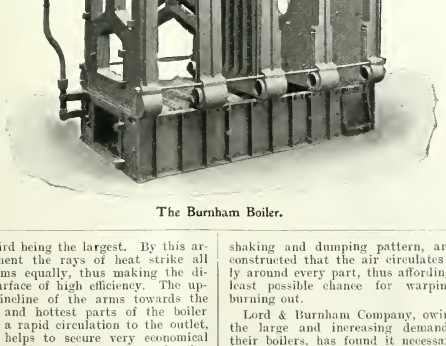
One of the most important features in the new "Burnham" boiler is the method of connecting the sections. This is accomplished by means of a cast iron nipple, turned with a slight taper, the sections being bored out to correspond. As both section and nipple are bored to template it makes the sections interchangeable and facilitates the erection of the boiler, at the same time securing a perfect and lasting joint. The nipples and sections are made of the same material, thus avoiding cracking caused by unequal expansion and contraction.

It can readily be seen that this boiler has a large amount of direct fire surface, which chiefly consists of three tiers of triangular arms. The lowest tier of arms is the smallest, the second larger, the third being the largest. By this arrangement the rays of heat strike all the arms equally, thus making the direct surface of high efficiency. The upward incline of the arms towards the center and hottest parts of the boiler insure a rapid circulation to the outlet, which helps to secure very economical results. The products of combustion rise upward and after striking against and surrounding all of the arms pass over the fire wall section, then downwards and up between the baffle and rear sections. This form of indirect travel secures the maximum economy with the minimum of friction, as no matter how long the boiler may be the indirect travel is the same, thus adapting even the largest boilers for a low draught pressure, such as usually found in greenhouses. The direct draught which is a great advantage when starting or forcing the fire is provided for by an opening with damper in the baffle section.

As most of the surfaces are direct and practically self-cleaning there remains but little to clean, but large cleaning doors are provided in the front and sides of the boiler.

The grates are of the Lord & Burnham Company's patented anti-clinker shaking and dumping pattern, and so constructed that the air circulates freely around every part, thus affording the least possible chance for warping or burning out.

Lord & Burnham Company, owing to the large and increasing demand for their boilers, has found it necessary to erect a new boiler shop. This has been furnished with the most modern machinery for the manufacture of boilers. This company is, therefore, even better prepared than before to take care of all orders and to make prompt shipments.



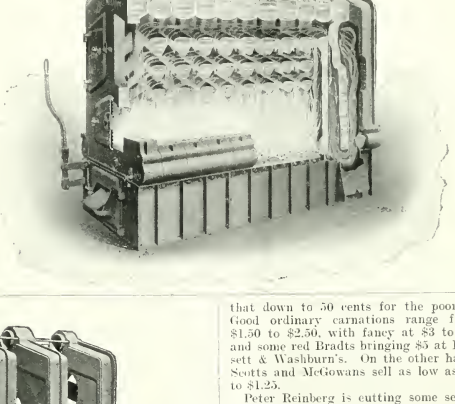
The Burnham Boiler.

Cleveland, O. — The Grant-Wilson Floral Co. has been incorporated with a capital stock of $25,000.

CHICAGO.

The Market.

The volume of trade remains about the same as last week with prices a trifle easier on roses and a little firmer on carnations, especially whites. Roses now range from $4.00 to $7.00, with some sales of extra selects at $8.00, and some under grade stock being cleaned up at $3.00. Beauties are $4.00 to $5.00 a dozen for the best and they grade from



that down to 50 cents for the poorest. Good ordinary carnations range from $1.50 to $2.50, with fancy at $3 to $4, and some red Bradts bringing $5 at Bassett & Washburn's. On the other hand, Scotts and McGowans sell as low as $1 to $1.25.

Peter Reinberg is cutting some select Golden Gates that bring as high as $12.

Bassett & Washburn are cutting some really fine blooms of Liberty and the best sell at $25 a hundred.

Bulbous stock is still moving very slowly and we hear of sales of good tulips and daffodils at as low as $2 a hundred, which must be very discouraging to the growers.

Last Saturday violets were being sold by the fakirs on the street at 5 and 10 cents a bunch, which tells the violet story.

Various Items.

At the meeting of the Florists' Club tomorrow (Friday) evening, Mr. Benjamin Durfee, of the American Rose Company, Washington, D. C., will display blooms of his White Golden Gate roses and will probably favor the members with a talk on the growing of the Golden Gate. The program also includes papers on "The Easiest Way to Force Lily of the Valley," by August Jurgens and H. N. Bruns.

A meeting of the executive committee of the Horticultural Society of Chicago was held last Monday afternoon and the work of preparing for the annual exhibition next November was started. The preliminary premium list will be issued at an early date. The committee to prepare same consists of Messrs. E. Buettner, John Reardon and W. J. Smyth.

Mr. C. M. Dickinson, manager at E. H. Hunt's, left last Sunday for the east for a week's stay.

Mr. E. Buettner leaves next Sunday

night for New York, where he will act as one of the judges at the exhibition of the American Rose Society.

George Asmus, E. F. Winterson, H. Coulson, P. Hurson and W. L. McLaughlin have been bowling as a team in the Union League of West Chicago and they stood at the head of the list at the end of the series. As a result, they will divide among themselves the juicy first prize of $75.

B. D. Kapteyn, representing Gt. van Waveren & Kruijff, Sassenheim, Holland, was a recent visitor.

George Scott is again on duty at Kennicott Bros. Co., after several weeks' illness with typhoid fever.

There is some little guessing being done on the question of lilies for Easter. It is said that the disease has been more virulent than ever and that as a result the supply of first-class flowers will be short. Others hold that there will be plenty of lilies when they are wanted.

Sinner & Co., Ridge avenue, near Adam Zender, who have grown vegetables under glass for some years, will this year turn their houses into plants for cut flowers and have purchased a big stock of carnation cuttings from Wietor Bros.

Mr. E. E. Pieser, of Kennicott Bros. Co., says it has been a most peculiar season, and the market has been a difficult one to keep the run of. While their business has been equal in volume to previous seasons it has changed some little in character, violets and bulbous stock cutting much less of a figure than formerly. Roses and carnations are more than ever the mainstays, and the "variety" that is reported to be "so much needed" has met with less call than in previous years.

NEW YORK.

Club Meeting.

The regular meeting of the Florists' Club, held on Monday night last, was again most interesting, roses being the chief topic. It was expected that many new roses and a goodly display of others would be shown, but somehow or other, perhaps because every icebox was full, none appeared in the club rooms, except a vase of the grand new rose, "Robert Scott." These blooms represented the rose in every stage of development; some of them were five or six inches in diameter and of remarkable substance. By a special vote the rose was awarded the club's silver medal.

Mr. E. G. Hill, of Indiana, was to have been present to open a discussion on roses, but sent his opinions instead, which were read by Mr. O'Mara. This paper opened up a very interesting discussion. Mr. Robert Scott, of Philadelphia, who was present, said he had seen nothing in Europe last summer worth considering as an American forcing rose. He had had one or two supposedly good new varieties sent over to him, but they were only now showing bloom and their slowness made them useless. He was under the impression that Liberty would be better in three years; overpropagation exhausted the vitality of any plant although he had not seen Liberty anywhere so fine as they were at Mr. Asmus' place. He thought when the rose was better understood it would give more satisfaction. One thing, the rose, like others, could not stand a check, and he found it did better in light soil.

Mr. O'Mara reviewed the roses introduced the past twenty years, and said from a study of the matter he considered roses raised in the south of France did better in the United States than those from any other part of Europe. The climate there was similar to ours, and he thought this a powerful element; he was under the impression that America needed a race of roses of her own, and this was rapidly being accomplished by the few hybridizers we have here. He thought many of the old varieties, such as Cornelia Cook, Puritan, etc., would again come into popularity, and John Cook, of Baltimore, had some new varieties now that would, he thought, prove very valuable.

Mr. Scott said the white Mme. Cochet was one of the best outdoor roses. Mr. Stewart said Burbank proved to be hardy in his garden. Mr. Atkins said they were making several experiments in the matter of grafting stock; they got best results from wood of their own planting grafted on to dormant imported stocks; eyes taken from imported roses most often proved useless on account of their being started with them. Mme. Van Houtte, Mme. Cochet and Kaiserin proved great successes, but they grew a large collection of bedding roses which proved more than satisfactory.

There was quite a discussion on the proposed interstate laws regarding the fumigation of nursery stock. Mr. Kelsey asked for information on the plants commonly called "Florists' stock," and was sorry, as he understood it, that the florists did not help the nurserymen in having portions of their stock exempt from the law. Mr. O'Mara explained why and said the nurserymen had been given every opportunity to accomplish great good to themselves. The florists had succeeded in having everything grown under glass exempt from the stringent laws and the nurserymen had only themselves to blame for the condition of affairs.

A vote of thanks was sent to W. R. Smith, of Washington, for his valuable services towards procuring a charter for the A. F. O. H. Mr. Wallace reported that the national society had placed one silver and one bronze medal for competition at the club's show in October. The several committees reported progress. Mr. O'Mara said he had delivered the club's engrossed resolution to Mr. Starin and that gentleman was very grateful for the club's action.

J. I. D.

HEATING.

Our present plant consists of five 20x100 feet houses, heated by two small steam boilers. We are going to put three new houses 27x100 feet for growing roses and the capacity of our present boilers is not sufficient to heat the entire plant when completed. Would it be economy to put in a separate boiler for the new houses? If so, would you advise steam or hot water? Or should we replace the two old boilers with one large enough to heat the whole plant, and would you advise steam or hot water? The old houses are piped with 1-in. pipes, which are, of course, too small for water, and we don't want to go to the expense of repiping this season. If you could give us a little light on this subject you would greatly oblige.

G. & D.

In reply to the inquiry of "G. & D.," one of either of the following methods should be adopted:

The first suggestion would be, assuming the boilers now in use are in good working order, to install a 30 H. P. wrought iron tubular boiler, and if possible connect it in battery form to the present boilers. The 30 H. P. boiler would have a liberal surplus of capacity over the immediate requirements, which would tend to relieve the older boilers, then when the old boilers give out a second 30 H. P. boiler could be installed, which in connection with the first would have a surplus of capacity sufficient to enable you to build three more 27x100 foot houses. If it is not your intention to increase your glass area, and the old boilers are pretty well worn out it would be better to remove them, and substitute one 50 H. P. wrought iron tubular boiler. I would not consider the replacing of the steam plant in the present houses by hot water, and the new houses should also be heated by steam in connection with the old ones.

If the heating of the old houses by steam is not perfectly satisfactory it is the result of an imperfectly installed system, and not the nature of the heating medium.

Henry W. Gibbons.

CARNATION IRENE.

Messrs. Crabb & Hunter, Grand Rapids, Mich., send us some blooms of their new pink carnation Irene. While it cannot be classed as a fancy, the flowers are of good size and form, a fine, clear pink, and are borne on first-class stems with good foliage. If it proves as free with others as it has with them it should certainly make good their claim that it is a most profitable commercial pink carnation. It is certainly worthy of a trial, especially by those who have not the facilities for growing extra fancy flowers, but want an abundance of good blooms in return for a minimum amount of care and attention.

BUTTE, MONT.

The Lenten season is having its effect here; trade is at a standstill, except funeral work, which comes as regular as ever. We expect quite an increase in the flower business this year over last, as the town is taking on quite a boom, many large blocks and buildings being now under construction.

We now have three retail florist stores in the city, against two last year.

Law Bros.' books show an increase of 25 per cent for the months of January and February over the same months last year.

Five years ago a traveling salesman for bulbs and florists' supplies was seldom seen in Butte, but now they all seem to make it a point to come here while on their Western tours.

We have been having a run of drummers this spring and the last to arrive was Arnold Ringier, general agent for W. W. Barnard & Co., and although he came late there had been orders reserved for him and he got his share. Mr. Ringier has been in Butte before, so did not care to see the town. He confined himself closely to the florists' shops until the curfew bell tolled, when he promptly retired.

L.

Syracuse, N. Y.—John P. Bell, for the last eleven years with Henry Burt, died Feb. 27, aged 53 years. He was born in England and came to America thirty-one years ago. He was widely known and had a host of friends. He leaves a widow and one child.

WE HAVE advice from Mr. William Scott that he mailed a batch of miscellaneous seasonable hints for this issue, but the copy had not reached us up to time of going to press.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—A good, bright lad, 18 or 19, that has had experience in flower store. Answer, with reference, K. C., care of Florists' Review.

SITUATION WANTED—As working foreman by grower of cut flowers and general stock; German, age 32, single; life experience; best references; state particulars. Address Florist, 10th St and 1st Ave., Williamsbridge, New York City.

WANTED—I want a good boy, 16 or 17 years of age, to learn the trade, or one who has had a little experience in the business. Address W. N. Drake, 567 Chicago Street, Kenosha, Wis.

FOR SALE—Or to let for a term of years the Mountain Villa Conservatories, containing about 4000 ft. of glass well stocked. Address Box 254, Sharon, Mass.

WANTED—Florist to take charge of 10,000 feet of glass where carnations and violets are grown. Wages on shares. Single man preferred. Eliza R. Whitson, Aiglen, Pa.

WANTED—Young man who understands roses and carnations to take charge of a range of houses. Must be one who takes an interest in his work. Write Geo. A. Kuhl, Pekin, Ill.

WANTED—Two good rose growers. Apply to Peter Reinberg, 51 Wabash Ave., Chicago.

SITUATION WANTED—By a first-class grower of roses, carnations, violets and general stock; single; competent to take charge. Address C. A. L., 309 South Laurel St., Richmond, Va.

SITUATION WANTED—By good all-round florist, have had 7 years' experience in general stock. Not afraid of work. Nationality, English; age 25. Address Box 168, Lexington, Mass.

WANTED—Florist; working foreman; roses, carnations, mums, etc.; must be good manager, capable of handling men; be able to furnish very best references from former employer as to ability; only a first-class man need apply; moderate size place in Phila.; good wages with tenant house. Address Phila., care Florists' Review.

WANTED—Young man, who has had experience in growing general nursery stock and jobbing gardening; must be sober and industrious, with good references; steady position; annual increase in wages; state wages wanted, with board. State Nursery Co., Helena, Mont.

WANTED—As our foreman is going into business for himself, we want another man. Stuart & Haugh, Anderson, Ind.

WANTED—For Illinois, an American boy in his teens that would like to learn the florist business; a steady job with board and lodging and a fair salary; must be strictly temperate; state wages expected. Address I, care Florists' Review.

WANTED—To sell whole or half interest in greenhouse of 1000 square feet; good town of 3000; good territory; place in good location; write for particulars. Walter Bollet, Ponca City, O. T.

SITUATION WANTED—As a good all 'round florist growing roses, carnations, etc.; capable of taking full charge; single; 21 years' experience. Address N, care Florists' Review.

SITUATION WANTED—By young man, age 23; 7 years' experience in general greenhouse work; private or commercial. Address W. J. E., 1805 Beard street, Louisville, Ky.

SITUATION WANTED—By florist and gardener, 6 years in present job; well recommended; life experience; English; married; age 37; commercial or private. Address E. Castell, Sillery Nurseries, Bergerville, Quebec, Canada.

SITUATION WANTED—By thoroughly experienced cut flower grower; 14 years in this country; single; references. Address K, care Florists' Review.

SITUATION WANTED—By a first-class grower of roses, carnations, mums and violets; reference; married; give full particulars. Address K. P., care of John S. Martin, Neffsville, Lancaster Co., Pa.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

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C. & G. L. PENNOCK, Lansdowne, Pa.

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Mrs. W. F. GRISWOLD, Worthington, Ohio.

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PLANTS FOR EASTER.

Azaleas, large plants full of buds, 50c to 75c each; Hydrangeas, 16c a bud; Cinerarias, 5-in., $1.50 per doz.; Cyclamens, 4-in., $1.25 per doz.; Genistas, 4-in., $2.00 per doz.; Primroses, 4-in., $1.00 per doz.; Hyacinths, 1st size, $1.50 per doz.; 2nd size, $1.00 per doz.; Primroses, Obconica, $1.00 per doz.; Crimson Ramblers, well budded, 50c to $1.00 each; Pansies, large transplanted plants, best strain, 50c per 100, $4.50 per 1000; Mammoth Verbenas, large plants from soil, 50c per 100, $4.50 per 1000; Marguerite Carnations, mixed colors from flats, $1.50 per 100. **WHITTON & SONS, City and Green Streets, Utica, N. Y.**

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Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.00; special prices on large lots. Can ship any time.

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Wichuraiana	Louis de la Rive	Gehlert Rambler	Etoile de Lyon
Rubens	Snowflake	Duchess Brabant	Mrs. DeGraw
Coq de Lyon	Seven Sisters	Climbing White Pet	Mme. Jos. Schwartz
Comtesse Frigneasse	Lamarque	Mary Washington	Pink Rambler
Princess Sagan	Bride	Marie Ducher	Yellow Soupert
Purple China	Safrano	Triumph Pernet Pere	Marie Van Houtte
Tennesee Belle	Lady Warrender	Marquis de Viviens	La Factole
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....THE ANNUAL....

Special Spring Number

OF THE **FLORISTS' REVIEW** WILL BE ISSUED

March 28.

Send Order and Copy for your Adv. as Early as Possible.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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THE FLORISTS' PUBLISHING CO.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

WASHINGTON, D. C.—The bill incorporating the Society of American Florists and Ornamental Horticulturists has passed the senate and has been signed by the president, thus becoming law, so the S. A. F. finally has the national charter that has been so earnestly striven for.

PROVIDENCE, R. I.—The Florists' Club has decided to hold a carnation meeting May 9. Flowers are fairly plentiful, but none too many white. Except for funeral work trade is light. Violets are very abundant and are selling at unusually low figures.

OTTAWA, ONT.—On account of the death of Queen Victoria almost all the functions planned for the season were abandoned, and as a result trade has not been what it should be with the florist. It is hoped that conditions will improve after Easter.

FARMINGTON, CONN.—Charles S. Mason reports that so far as he has seen and heard stocks have done well this winter, particularly roses and violets. Of the latter there has been either an oversupply or a lighter demand, and his own experience points to the latter. Carnations have done fairly well. There was a shortage at the holidays, but otherwise no complaint.

KALAMAZOO, MICH.—At the annual meeting of the Kalamazoo Nursery and Floral Co., held Feb. 26, the election of officers resulted as follows: President, C. A. Maxson; vice-pres'dent, James M. Davis; secretary and treasurer, C. A. Krill; manager, W. C. Cook. The officers and E. J. Phelps constitute the board of trustees. The company has purchased property adjoining its location and now has thirty acres of land. An extension of the business is planned for the spring.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $1.00 per 100.

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Good " "	4.00 to	5.00	"
Perles	3.00 to	5.00	"
Meteors	5.00 to	6.00	"
Roses, our selection		3.00	"
American Beauties—			
Long	3.00 to	4.00	per doz.
Medium	2.00 to	2.50	"
Short	1.00 to	1.50	"
Callas and Harrisii	1.25 to	1.50	"

Carnations, fancy	$3.00 to	$4.00 per 100
" fine	1.50 to	2.00 "
" our selection		1.25 "
Smilax	1.50 to	2.00 per doz.
Ferns, Adiantum		1.00 per 100
" Common		2.00 per 1000
Galax Leaves		1.00 "
Lily of the Valley	2.00 to	4.00 per 100
Roman Hyacinths		3.00 "
Violets	.40 to	1.00 "
Paper White	2.00 to	3.00 "
Asparagus		60c per string
Leucothoe Sprays		1.00 per 100
Tulips	$2.00 to	$3.00 per 100
Daffodils	2.00 to	3.00 "
Freesia		3.00 "

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WILL BE ISSUED

MARCH 28th.

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R. C. Coleus. Mixed Verschaffeltii, Golden Bedder, Yellow Queen, etc., etc.

English Ivy, 2½, 3 and 4-in. pots, fine.

GERANIUMS. Red, White, Pink, in 3-in.

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A few thousand Sprengeri ready for 2-inch pots.

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Do you want to make some money for Easter? Then write Geo. A. Kuhl, Pekin, Ill., about those 4, 5, 6 and 7-in. Boston: he has. They are ready for a shift and will make you money as well as a fine display at Easter time.

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PANSIES AND VERBENAS.

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—Grant, Red Bruant, Pink and La Favorite, 2½-inch, $2.00 per 100. Double White Stocks for Easter blooming, ready for potting, $1 per 100; 3-in., $3.00 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

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ORANGE, N. J.

Floricultural Society's Meeting.

At the regular monthly meeting of the New Jersey Floricultural Society, held on March 6, Mr. J. C. Williams, of Montclair, addressed the society upon "Pruning," taking the grape as an example and confining himself to the Kneiffer system upon that. In the discussion which followed other fruits were touched upon and great warmth was shown in the condemnation of the prevailing manner of shearing shrubs without regard to whether the bloom was produced upon new wood or that of last season's growth. Mr. Williams giving an instance within his knowledge where a Japan weeping cherry had been cut or shorn back upon the model of a broom. Forest trees were also discussed and the merits of fall or spring pruning when first set out, upon all. Mr. Williams called upon various members by name to respond to topics outside the field of the nurserymen, to which he confined himself, and George Smith and A. D. Rose were among those who contributed from their valuable experience.

In the business meeting preceding the discussion it was determined to repeat the feature of the school children's work at the forthcoming fall exhibition, and provision was made to supply plants in May and stage them appropriately in November at the society's competitive exhibition.

Five new volumes added to library, and one new member elected. J. B. D.

Pekin, Ill.—On Feb. 18 an accident ruptured one of the large steam boilers at the green houses of Geo. A. Kuhl. Fortunately there was a reserve boiler that helped out during the cold snap. The boilers were insured in the Fidelity and Casualty Co., of New York, and Mr. Kuhl says the company was very prompt in sending inspectors and adjusters, and that as soon as claim was made out in full and the papers could reach their office, return mail brought him a check to cover the loss. He says he cannot afford to run his steam plant without insurance of this kind.

Montreal, Can.—At the recent carnation show many fine blooms of standard sorts were shown, but the only novelties displayed were Roosevelt, from C. W. Ward; Queen Louise, from J. L. Dillon, and several fine new sorts from the Chicago Carnation Company. The latter included a magnificent red that was not labelled. It and Roosevelt and Queen Louise were awarded certificates of merit.

Springfield, O.—A. R. Aldrich, the florist, was thrown from his wagon March 2 and had his head badly cut as the result of the tumble. He was able to go home on a car.

The annual special spring number of The Florist's Review will be issued March 28. Prepare your advertisements now.

SPECIAL SALE AT SPECIAL PRICE.

Excelsior Dwarf Pearl Tuberoses

TO MAKE ROOM FOR SPRING PLANT IMPORTATIONS. Cash with order please.

First Quality, First Size, 4-6 in., per 100, $1.00; per 500, $2.75; per 1000, $4.75; per 2000, $9.00; per 4000, $17.00.
Second Size, 3-4 in. blooming bulbs, per barrel of 1500, $4.00.

Send for Wholesale Price List of Hardy Roses and Spring Flowering Bulbs.

C. H. JOOSTEN, Importer, 85 Dey St., New York.

PLEASE ORDER AT ONCE.

Mention The Review when you write.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

Mention The Review when you write.

NOVELTIES OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1899 varieties. This year's leader is our new dwarf "Little Pink." No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. "Clyde" is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's New Carnations, also standard sorts.

Send for our descriptive price list, which also tells you something of the best Garden Wheel Hoe on earth. W. E. HALL, CLYDE, O.

Mention The Review when you write

NORWAY MAPLES, 3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Mention The Review when you write

Burpee's Seeds Grow

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 Good Pansy Plants,

Price, $1.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write S. D. BRANT, Clay Center, Kans.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write

Variegated Vinca, Transplanted plants from flats, by mail, prepaid, $1.50 per 100.

Primula Veris and Aquilegia Chrysantha, 2½-in., $2.00 per 100.

For Spring Delivery—Hardy Herbaceous Plants, strong, field-grown, as follows: Aquilegia, single and double mixed, Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilia Paniculata, $5.00 per 100. Cash with order, please.

CHARLES S. DUTTON,
85 W. 12th St., Holland, Mich.

Mention The Review when you write.

Silver Birch Bark Ware.

Prices per doz—**Canoes,** 12-in. $5.50, 15-in. $7.90, 18-in. $10.50, 21 in. $13.20, 24-in. $16.60. **Logs,** 6-in. $3.00, 9-in. $6.84, 12-in. $4.80, 15-in. $6.00, 18-in. $8.30, 21-in. $8.40, 24-in. $9.60. **Pot Covers,** 4-in. $2.40, 5-in. $3.00, 6-in. $3.96, 7-in. $3.04, 8-in. $3.88. **Bulb Pans,** 4-in. $1.80, 5-in. $2.40, 6-in. $3.00, 7-in. $3.60, 8-in. $4.20. **Boxes,** 14-in. $11, 11-in. $9, 8-in. $7. **Easter Eggs,** 6-in. $9, 7-in. $10, 8-in. $11. References: Geo. Wittbold Co., E. Wienhoeber, C. A. Samuelson, Chicago.

J. A. LYNN, 1442 Wrightwood Ave., CHICAGO.

Mention The Review when you write.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting, 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

BRUSSEL'S SPROUTS.—25 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100, $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

PAN-AMERICAN EXPOSITION.

Buffalo, N. Y., May 1–Nov. 1, 1901.

The Wabash, the "Niagara Falls Short Line," has made special arrangements to accommodate a large travel between Chicago and Buffalo during the Exposition. New equipment and additional train service will be provided. The Wabash is the only line operating Free Reclining Chair Cars between Chicago and Buffalo. Tickets will be good for stop over at Niagara Falls.

Write for a copy of Wabash Pan-American Folder containing a large five-color map of the Exposition grounds and handsome zinc etchings of the principal buildings. Ticket Office, 97 Adams St. F. A. Palmer, A. G. P. A., Chicago.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention The Review when you write.

SPECIAL SALE.

	Per 100.
Alternanthera.....yellow	$1.50; red, $1.75
Geraniums, my selection, 2½-in. pots	2.50
Coleus Mix—Blue Ageratum, 2-in. pots	1.50
Asparagus Sprengeri, 2-in. pots	1.75
Vinca Harrison Vine, 2-in. pots	2.00
100 Asparagus Plumosus, 2-in. pots	2.50
Verbenas, 2-in. pots	2.00

Cash or C. O. D.

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

Special Bargains.

We are headquarters for the following:

All plants quoted from 2½-inch pots, except where noted.

Asparagus Plumosus Nanus, $3.50 per 100; $30.00 per 1000.
Asparagus Sprengeri, $2.50 per 100; $20.00 per 1000.
Acalypha Sanderii and Triumphans, $3.00 per 100; $25.00 per 1000.
Azaleas, 12-inch heads, best varieties, $4.00 per dozen.
Boston Ferns, $3.00 per 100; $25.00 per 1000.
Crotons, finest assortment, $3.00 per 100, $25.00 per 1000.
Calla Lilies, blooming bulbs, 75c per dozen, $5.00 per 100.
Cannas, all the leading varieties, well established in pots, $5.00 per 100.
Camellia Japonica, 20 inches in height, assorted colors, 50c each; $5.00 per dozen
Coleus in all the leading varieties, $2.50 per 100; $20.00 per 1000.
Geraniums, double and single varieties, the very best, $3.00 per 100; $25.00 per 1000.
Hibiscus, 10 sorts, $2.50 per 100.
Heliotropes, $2.50 per 100; $20.00 per 1000.
Ponderosa Lemoos, bears fruit two pounds and up, an ideal pot plant. It blooms and fruits when quite small. $1.00 per dozen, $7.00 per 100; $60.0 per 1000.
Otaheite Orange, $3.00 per 100; $25.00 per 1000.
Moon Vines, $3.00 per 100.
Russellias, the two new sorts, $2.50 per 100.
Smilax, $2.00 per 100; $17.0 per 1000.
Salvia Splendens, $2.50 per 100.

Lemon Verbena, $2.00 per 100.
Tuberoses, first class bulbs, 75c per 100, $6.00 per 1000.
Roses, all the leading varieties, Teas, Hybrid Teas, Climbers, from 2½-inch pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-inch pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c.

Send us your list for special quotation. Our wholesale price list just out Write for it to-day.

THE GOOD & REESE CO.,

THE LARGEST ROSE GROWERS IN THE WORLD. SPRINGFIELD, OHIO.

Mention The Review when you write.

ROOTED CUTTINGS AND POT PLANTS.

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Anthemis Cibile, yellow Marguerite	2.00
Chrysanthemum Merry Xmas, best late white	2.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00

	Per 100
Fuchsia, 8 varieties	$1.50
" Sunray	2.00
Fuchsia, Trailing Queen	2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.25
Ivy Kenilworth	1.50
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Lobelia	1.00
Manettia Bicolor	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

GERANIUMS.	Per 100
Best bedding varieties	$2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought and Mme. Bruant	2.00
P. Crozy, one of the finest, scarlet bedders	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, mixed	1.50
" named	2.00
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00
New Set of 20, post paid,	$1.00

POT PLANTS.

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Variegated, 2½-in.	4.00
Asp. Sprengeri, 2-in	3.00
" " 2½-in	4.00
Coleus, 2-in	3.00
Daisy Snowcrest, 2½-in	4.00
" " 3-in	6.00
Fuchsia, Tr'ng Queen, 2½-in	$4.00
Forget-Me-Not, 2½-in	3.00
Geraniums—Bronze, Silver Leaf, Freak of Nature, etc., 2½-in	4.00
Mrs. Parker, 2½-in	6.00
Common Named, 2½-in	3.50
L'Elegant (Var. Ivy) 2-in.	6.00
Hydrangea, P. & W. 3-in	6.00
Manettia Bicolor, 2½-in	$4.00
Impatiens Sultani, 2½-in	4.00
Vinca Var, 2½-in	3.00
" 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" 4-in	10.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., **$2.00** per 100; 2nd size, 3 to 6 in. in circ., **$1.00** per 100. Small Roots or Sets, **50c** per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

HELIOTROPE, 2½-in. $2.00 per 100.
DAISIES. White and Yellow, 2½-in., 1.50 per 100.
AGERATUM, Princess Pauline 2½-in., 1.50 per 100.
Will make fine plants for Easter.

J. W. MILLER, HATTON, PA.

Mention The Review when you write.

THE ANNUAL SPECIAL

Spring Number

OF THE

Florists' Review

WILL BE ISSUED

MARCH 28.

Send Order and Copy for your Adv. as Early as Possible.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

NEW CASTLE, IND.

Last Friday the South Park Floral Co. kept open house and entertained florists from all over Indiana and a few from Chicago and Cincinnati. The day was spent looking over their big range of glass and the entire party was given a fine dinner at one of the hotels, there being 46 at the table. All present report a very enjoyable and instructive day and say many pleasant things about the generous entertainment provided by the hosts of the occasion.

Mr. Peter Weiland has everything in readiness for the building of the new range of glass here and has already decided upon the varieties of carnations to be grown. One house will contain 8,200 plants of the Marquis, another 8,200 plants of the Genevieve Lord, another 5,000 Bradt's, 2,500 Gomez and 2,500 Lawson, the plants in this house to be planted closer than in the others. Another house will contain 2,500 Melba, 500 Prosperity, 500 Dorothy, 1,000 Mrs. Bartlett, 2,500 Lorna and 5,000 Pink Armazindy. Another, 6,000 White Cloud and 2,500 White Daybreak. Another with different varieties.

The asparagus house will contain 6,000 A. plumosus, 4,000 A. Sprengeri and 3,000 smilax. The roses will be mainly Beauties, Brides and Maids, and there will be 16,000 plants of roses.

BUFFALO BOWLERS.

I thought that possibly the bowlers interested in the coming convention would like to know how the Pan-American boys are doing. On March 2 a match game was played between the florists and a local team called the Delevans. While the Florists lost, it was no certain thing until the last ball was rolled. The scores follow:

FLORISTS.

	1	2	3	4	5	Tot.	Av.
W. B. Scott	170	189	173	176	155	874	174 4-5
C. Risch	147	173	155	147	143	765	153
G. McClure	173	185	181	150	155	844	168 4-5
W. Weber	171	145	152	156	111	698	139 3-5
Total							3181

DELEVANS.

	1	2	3	4	5	Tot.	Av.
G. Skene	150	199	129	142	130	690	138
R. Lenz	168	211	147	180	138	844	168 4-5
F. Hohensee	158	154	149	180	175	816	163 1-5
H. Landis	159	160	142	181	167	810	162
Total							3160

M. Bloy, Scorer.

Monongahela, Pa. — Isaac Shelby Crall, the florist, died Feb. 15, aged 74 years. He had been in the business here for many years and was widely known and respected. He is survived by a wife, two sons and one daughter.

Camden, N. Y.—H. B. Snow has fitted up a neat sale-room with a large show window at 27 Railroad street, which he will conduct in connection with his greenhouse business.

You should not fail to have a strong adv. in our special spring number, to be issued March 28.

Bargains in... Palms

A few thousand to clear for cash AT RED LETTER PRICES UNTIL SOLD.

LATANIA BORBONICA, from 3-inch pots, **$30.00** per thousand.
" " from 4-inch pots, **80.00** "
KENTIA BELMOREANA, from 2½-inch pots, **50.00** "
KENTIA FORSTERIANA, from 3½-inch pots, **12.50** per hundred.

All ready for shift to larger pots. 250 at thousand rates.

The Harms' Park Floral Co.

Bertean Ave. near Western Ave., CHICAGO.

Mention The Review when you write.

AMERICAN BEAUTIES

The **BEST** lot of plants I have ever offered.

Strong Plants from 2x3-in. pots, ready for a shift,

$6.00 per 100, $50.00 per 1000.

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, in the kind of stock we send out of the following superb varieties:—Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Francis Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties X X strong, 2½-in., $2.50 per 100. Rose Geraniums, 2½-inch, $2.50 per 100.

VERBENAS SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2-in. and 2¼-in., strong healthy plants, green as grass, full of cuttings, $1.50 per 100; $12.50 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100; $7.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cuttings, $1.00 per 100. Louise Bernard, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Lantanas, 5-in. pots, 1 plant to pot, 2 to 2½ ft. in height and diameter, 8 and 9 leaves, $12.00 per doz. Latanias, 8-in. pots, 1 plant to pot, 2½ to 3 ft. height and diameter, 9 to 10 leaves, $15.00 per doz. Latanias, 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft height and diameter, 12 to 14 leaves, $24.00 per doz. Kentia, 6-in. pots, 1 plant to pot, 3½ ft. in height, $18.00 per doz. Areca, 8-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $4.00 per plant.

J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia.
Mention The Review when you write.

CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.
Alternanthers, red and yellow, 60c per 100; $5.00 per 1000.
Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet white, 60c per 100; $5.00 per 1000.
Heliotropes, 10 best varieties, all named, 70c per 100; $5.00 per 1000.
Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.
Verbena plants, 8 sing. full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000
Heliotrope, 2½-in., strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. That Cash, Please.

C. HUMFELD, - Clay Center, Kansas.

Mention The Review when you write.

Antirrhinum Black Prince.

Introduced from Germany last year.

Finest snap-dragon in cultivation. Grows 2½ feet, very large spike, color a very dark crimson, giving the lustrous effect of red velvet. Fine for cut flowers and will become a standard bedding plant when known. Stock limited. Orders filled in rotation. **$1.00** per doz. Cash, postpaid.

F. W. FLETCHER & CO.,
AUBURNDALE, MASS.

Mention The Review when you write.

WATER LILIES

We are Headquarters for Water Lilies and Aquatic Plants of All Kinds

Intending planters will gain a long start and early blooms by procuring dormant tubers of the tender Nymphæas now, and starting same indoors, thus securing strong plants for planting at proper season, and also save the expense of heavy express charges. We shall be pleased to furnish estimates and offer practical suggestions to those intending planting either large or small ponds.

SOW NOW seeds of Victorias, Nelumbiums and Nymphæas.

HENRY A. DREER, 714 Chestnut St., ...PHILADELPHIA.

Mention The Review when you write.

Carnations.

Well Rooted Cuttings from the sand. Orders TAKEN NOW to be delivered March 1st.

These cuttings are from healthy plants and are neither weak side shoots from the flowering stem nor the woody, scrubby stuff at base of plant.

THE MARQUIS,	per 100,	$4.00
ETHEL CROCKER,	"	4.00
FRANCES JOOST,	"	1.50
WHITE CLOUD,	"	2.00
RED JACKET,	"	1.50
SCOTT,	"	1.50
DAYBREAK,	"	1.50
NEW YORK,	"	1.50
VICTOR,	"	1.50
GENESEE,	"	1.50

WILLIAM SCOTT,
CORFU, Genesee Co., N. Y.

Mention The Review when you write

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,
MINEOLA, L. I., N. Y.

Mention The Review when you write.

CARNATIONS.

Well Rooted Cuttings from Sand or Soil.

Ethel Crocker.....	per 100,	$3.00	per 1000,	$25.00
White Cloud	"	1.75	"	15.00
Flora Hill	"	1.75	"	15.00
Triumph	"	1.75	"	15.00
Mrs. James Dean...	"	1.00	"	9.00
Mayor Pingree	"	1.00	"	8.00
Wm. Scott	"	1.00	"	8.00

A few thousand of the above from 2½-in. pots. Write for prices. Cash with order.

C. AKEHURST & SON, White Marsh, Md.

Always Mention the.... Florists' Review When Writing Advertisers.

THE NEW CANNA **Golden Age**

THIS CANNA originated on my grounds in Ocean City from seed dropped from the Florence Vaughan. The bloom is a rich golden yellow, free from spots or stripes, has five broad, full petals, which gives it the shape of a lily, is fully as large as the Italia, grows about four feet high and is a vigorous grower. The foliage is a bright green. It is a canna of the orchid type, but stands the wind and hot sun fully as well as a Crozy. For hardiness and beauty it cannot be excelled by any canna in cultivation. The first root was sold to P. S. McDonald of Philadelphia, for $2.00 his own offer; while he stood looking at them in bloom last summer. We have but a few hundred roots, and anyone who desires to get into the stock of this lovely canna had better not wait. It is the only yellow canna in existence without spots.

Strong roots that will grow (two eyes), **50c each; $5.00 per doz.** Expressage prepaid.

G. P. MOORE, Ocean City, N. J.

Mention The Review when you write.

MRS. F. JOOST

The most profitable of all the standard Pink Carnations.

It will pay you to plant this instead of Scott.

Strong Healthy Cuttings, well rooted, $1.50 per 100, $12.00 per 1000.

See our ad. in last Review for other varieties.

CASH WITH ORDER PLEASE.

BAUR & SMITH,
38th St. and Senate Av., Indianapolis, Ind.

Flowering Plants.

		Per 100
Ageratum Princess Pauline...	2-in.,	$2.00
White Paris Daisy	"	2.00
Geranium, Double Red.....	"	2.00
Heliotrope	"	2.00
Abutilon, Trailing	"	3.00
Tradescantia, several sorts ..	"	2.00
Alyssum, Double Giant	"	2.00

Over 100,000 Herbaceous Plants.

CASH PLEASE.

EDWARD B. JACKSON,
STAMFORD, CONN.

GRAND RAPIDS, MICH.

Weather conditions continue very unfavorable to business and the blooming of flowers. Snow, rain, frost, more snow and sleet with a blizzard blowing, followed by a thaw, make up the weather conditions. In consequence, business was spasmodic, funeral work even was light at times, then all of a sudden a rush of orders that cleaned up carnations and kept roses within bounds. The conditions are peculiar, some are short on carnations, but have plenty of roses; some have an overstock of roses and plenty of carnations, and others are buying every flower used.

All interest is now centered in the lilies. It looks as though there was going to be a scarcity of that indispensable flower, and the majority of those that do come will be very short.

Recent visitors were George Rackham and Frank Beard, of Detroit; K. J. Kuyk's bulb agent, and A. L. Vaughan, who reports trade far better than it was last year up to the same date. G. F. C.

COLUMBUS, OHIO.

A severe electric and hail storm passed over this city last Sunday night, but the only damage done was at the Melrose Greenhouse owned by Affleck Bros.; the glass in the four houses being about half destroyed and considerable injury done to the roses. Mr. Affleck was in one of the houses when he was startled by the patter of hail, and the next instant fragments of glass began to fall in showers, broken by hail stones which he says were as large as pigeon eggs. The damage done will amount to $1,000.

Mr. Maurice Evans, who has been confined to his bed for the past six weeks, is now slowly improving.

Mr. Gus Drobish is able to be up after a severe attack of the grip.

Mrs. E. L. Charles has been very ill with pneumonia, but is now convalescing.

C. A. Roth, the florist, was bound over to the police court for $100 for assault and battery, which occurred on March 1. G. E. A.

KANSAS CITY, MO.

Trade Notes.

As might be expected, trade has fallen off slightly since the beginning of the Lenten season. The absence of large social events is most noticeable. Considerable is being done in loose flowers and funeral work and every one reports good sales. Stock of all kinds is more plentiful and of excellent quality. To dispose of the influx of violets special sales are held here every Saturday. We see no harm in offering these inducements to the public, as thousands of violets are sold which otherwise might be a total loss to the producer.

W. J. Barnes is cutting some fine bulbous stock, especially in Harrisii lilies, which brings good prices.

There is not a more enterprising man among the craft here than R. S. Brown, of Prospect avenue. Commencing in his present location twenty-five years ago, he soon built up a prosperous business, his specialty being young rooted stock. At that time there were no improvements in his vicinity; now he is hemmed in on all sides by fashionable residences. A few years ago Mr. Brown took his son Nathan into partnership. Nathan devoting his time to the cut flower department, which has flourished under his management. This firm has recently purchased a seven-acre plot at Independence, Mo., and this spring will begin building 15,000 feet of glass for the growing of cut flowers exclusively. Mr. Nathan Brown will have charge of this addition, and he is fully equal to the responsibility.

Our able park superintendent, Mr. George Kessler, gave a very instructive talk one day last week to an interested audience in the lecture room of the Library building on the preparation and care of lawns and flower beds. Owing to the great activity in suburban residence building and the consequent increased interest taken in landscape gardening, Mr. Kessler's remarks were attentively listened to and brought out a general discussion on the subject.

Three weeks ago two young men of good appearance and representing themselves as rose growers arrived in town in search of employment. Both had been with well known eastern firms and had the necessary recommendations. Carlo Sachman is filling a position with Mr. Alfred Bronan, of Independence, Mo., and John Buxton was equally successful with Mr. George M. Kellogg, Pleasant Hill, Mo.

The weather has been very changeable, all four seasons of the year being represented in the past week. We now have eight inches of snow, which arrived this morning from Kansas City, Kan. H. J. M.

RESULTS THAT PAID.

In remitting for their advertising bill under date of March 5, 1901, Messrs. Mayer & Sons, Willow Street, Lancaster Co., Pa., write: "The Review is the only one of three trade papers that has given us results that paid."

New Orleans, La.—The Mardi Gras festivities brought an unusually large number of visitors to the city this year, and business was first class with the florists. There has been a good deal of rain and a slight frost, that did no material damage.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine.	$7.00	$60.00	Crocker	$2.50	$20.00	Frances Joost	$1.00	$9.00
Guardian Angel	4.00	35.00	Peru	2.50	20.00	Cerise Queen	1.00	9.00
Sunbeam	10.00	75.00	Crane	2.50	20.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	2.50	20.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.50	20.00	Armazindy	1.00	9.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	55.00	Argyle	1.00	9.00	McGowan	1.00	7.50
Marquis	5.00	35.00	Evanston	1.00	9.00	Evelina	1.00	7.50
Genevieve Lord	4.00	35.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle	$3.00 per 100;		$25.00 per 1000.		

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

Norway The Queen of Commercial White Carnations. Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until April 1st. Its vigorous tree growth and a tendency to bloom early insure a safe investment for cuttings delivered in April.

Egypt A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10.00 per 100; $75.00 per 1000.

Genevieve Lord The Greatest Money Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. $5.00 per 100; $50.00 per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; $5 per doz.; $30.00 per 100.

Complete list of Other Novelties and Standard Varieties. Catalogue ready; write for it.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. No other Carnation can stand such a test.

This cut shows a bed of Queen Louise last Decoration Day.

Rooted Cuttings READY February 15th. **Price $10.00** per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

Rooted Carnation Cuttings...

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

		100	1000		100	1000
Sport,	Pink	$5.00	$40.00	Armazindy, Portia	$1.00	$7.50
	Armazindy	1.50	12.50	Wm. Scott, McGowan	1.00	7.50
Triumph, Flora Hill		1.50	12.50	Evelina, Kohinoor	1.00	7.50
White Cloud, Evanston		1.50	12.50			

J. A. BUDLONG, 37-39 Randolph St., **CHICAGO, ILL.**

Mention The Review when you write.

BABY PRIMROSE, from 2½-inch pots, $3.00 per 100.

CYCLAMEN, from 2½-inch pots, $5.00 per 100.

The above stock is in extra fine condition for **Easter Trade,** being in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

...THE ANNUAL...

Special Spring Number

Of the **FLORISTS' REVIEW** Will be Issued **March 28.**

Send Order and Copy for your Adv. as Early as Possible.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

March Prices.

Ethel Crocker has been with me all that I claimed for it, but not with some of the growers. If you can get the results I do it will be your best pink and to order to have it tried a second season I offer it free by mail for $2.50 a 100.

Elm City is a white that has given me excellent results, and as it is comparatively unknown I make the same offer with it—free by mail at $2.50 per 100.

Genevieve Lord, Mrs. Lippincott, White Cloud, Bradt, Olympia, Leslie Paul, Gomez and Maceo at reduced prices for March. Send for them.

ALBERT M. HERR, - LANCASTER, PA.

Mention The Review when you write.

On Top-As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

Mention The Review when you write.

For Quick Sale.

Extra fine

Rooted **CARNATION** Cuttings

direct from the sand.

Cannot be Beaten in Quality.

Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,

Berteau Ave., near Western Ave., CHICAGO.

For list of Varieties see Classified Advs.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

We Root 10,000 Carnation Cuttings a Week.

SEE OUR LOW PRICES ON SMALL LOTS.

	Per 100
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeKoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1900	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Mrs. G. M. Bradt, variegated	$2.00
Peru, white, 1900	2.50
Gen. Gomez, red	2.00
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Eveline	1.00
Evanston	1.00
Triumph	1.00

5 cuttings at 100 rates.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Sprengeri, fine, 2½-in	5.00
Boston Fern, true, 3½-in	5.00
Maiden Hair Fern, 2½-in	5.00
New Geranium, De Koo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a fault in it, white	15.00
Geranium Jean Viaud, 3-in	10.00
Alternantheras, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cigar Plant, 2½-in	1.50
California Moss, hanging basket plant, 2½-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Mix Begonias, flowering, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Vinca, green trailing, 2½-in	1.50
Vinca, green trailing, 6-in	15.00
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Cannas, started plants from strong bulbs, Triumph, Progression, Burbank, A. Bouvier and McKinley, 4-in	2.50
Petunias, choice double mixed, 4-in	5.00

	Per 1000
Pansy Plants, from cold frames, small	5.00
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rates, 250 at 1000 rates. Cash, or R. C. and Plants will be sent C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

(Descriptive Catalogue sent on request.)

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

SELECTED ROOTED CUTTINGS

CARNATIONS

	Per 100	Per 1000
The Marquis, rich pink	$5.00	$40.00
Morning Glory, light pink	3.50	30.00
Mrs. Lawson, famous pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Daybreak, flesh	2.00	15.00
Melba, fine pink	2.00	15.00
Mrs. Joost, money maker	2.00	15.00
Wm. Scott, pink	1.00	10.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	$1.50	$12.50
Peru, white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, scarlet	3.00	25.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, variegated	3.00	25.00

We would call special attention to MARQUIS which is of unusual excellence.

Also all Novelties of this Year at Introducers' Prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand—now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots. Brides and Maids, $5.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROOTED CUTTINGS OF

CARNATIONS!

Let us figure on your wants.

CHICAGO CARNATION CO., Joliet, Ill

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderii and triumphans, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Acalypha marginata, 2½-in., $3.00; 3-in., $4.00; 4-in., $6.00 per 100. Nanz & Neuner, Louisville, Ky.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGAVE.

50 or more variegated leaved century plants from 4, 5 and 6-in. pots. Cheap to make room. E. Haentze, Fond du Lac, Wis.

If you read these advs. others would read yours.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100; Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Alternanthera, rooted cuttings, four varieties, 50c per 100, $4.00 per 1000. Cash. Edwin A. Seidewitz, 36 W. Lexington St., Baltimore, Md.

Ageratum Stella Gurney, well-rooted cuttings, $1.50 per 100. Cash with order. Mann Bros., Wholesale Florists, Randolph, Mass.

Ageratum Princess Pauline, 2½-in., $2.00 per 100. Stella Gurney, 2½-in., $3.00. Otis F. Searles, L. B. 288, Nashua, N. H.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouse, Danville, Ill.

Ageratum Princess Pauline, rooted cuttings, 60c per 100, $4.50 per 1000; 2½-in. pots, $2.50 per 100. Jerome Harley, Media, Pa.

Ageratum. Blue, 2-in. pots, $1.60 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100, $4.00 per 1000. Davis Bros., Morrison, Ill.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Red, yellow, pink, 60c per 100, $5.00 per 1000. Prepaid. A. J. Baldwin, Newark, Ohio.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Alternantheras, red and yellow; stock plants; large, $2.00 per 100; rooted cuttings, 60c per 100, $5.00 per 1,000. Sure to please. Mann Bros., Wholesale Florists, Randolph, Mass.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100.
Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

ALYSSUM.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100; Dbl. Giant, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

AQUATICS.

We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

ASPARAGUS.

Plumosus nanus, extra strong, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1,000. Sprengeri, from 2½-in. pots, $2.50 per 100; $20.00 per 1,000. Seedlings, very strong, from seed bed, $1.00 per 100; $7.50 per 1,000. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Asparagus plumosus nanus, 3-in. pots, $5.00 per 100; 4-in. fine plants ready for shift, $12.00 per 100. Seed, new crop, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus seed fresh from our own vines. 100 seeds 85c, 500 seeds $4.00, 1,000 to 5,000 at $7.00 per 1,000, 10,000 seeds $60.00, 15,000 seeds $86.00. Cash with order.
L. Ullrich, Tiffin, Ohio.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 now on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $3.60 per 100; $30.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Plumosus, 3½-in. pots, $10.00 per 100. Sprengeri, 2½-in. pots, $4.00 per 100. Cash from unknown correspondents. Wm. A. Bock, North Cambridge, Mass.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.60 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in. $3.00 per 100, $25.00 per 1,000; 3-in. $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

A. Sprengeri, 2-in. pots, $1.75 per 100. 100 A. plumosus, 2-in. pots, $2.50. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Fresh seeds of Asparagus Sprengeri, of my own growing, 300 for $1.00, $3.00 per 1,000. B. F. Engle, Rochester, Pa.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus seeds, ready to deliver Mar. 15th, $6.00 per 1,000. Cottage Nursery, San Diego, Cal.

A. Sprengeri, strong plants, 2½-in. $3.00, 3-in. $6.00 per 100. Nanz & Neuner, Louisville, Ky.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

A few thousand A. Sprengeri, ready for 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Azaleas, 12-in. heads, best varieties, $4.00 per doz. Good & Reese Co., Springfield, Ohio.

BEGONIAS.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

5,000 Jerusalem cherries, 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

BULBS.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.60 per 100. F. W. O. Schmitz, Jersey City, N. J.

Excelsior dwarf Pearl tuberoses. First quality, first size, 4-6 in., $1.00 per 100, $2.75 per 500, $4.75 per 1,000, $9.00 per 2,000, $17.50 per 4,000. Second size, 3-4 in., blooming bulbs, per barrel of 1,500, $4.00. Cash with order. Send for wholesale list of spring flowering bulbs. C. H. Joosten, 85 Dey St., New York.

Fancy caladium seedlings from crossing finest named sorts. Mixed; infinite variety, charming novelties; no poor ones. Size 1 to 4 inches across (3 to 12 circ). Delivered free (express prepaid) to any part of U. S. for $6.00 per 100; $55.00 per 1000. Cash with order. T. L. Mead, Oviedo, Fla.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

We have a full stock of CALADIUMS and TUBEROSES in all sizes, GLADIOLI, etc. Send for latest price list, just issued.
Plant Seed Company, St. Louis, Mo.

Choice strain tuberous begonias, single, separate colors, large bulbs, 40c per doz.; $2.60 per 100. Dbl. begonias, 75c per doz.; $5.00 per 100. Caladiums, fancy-leaved, finest named, 60c per doz.; $1.00 per 100. Send for new list. H. H. Berger & Co., 47 Barclay St., New York.

Bessera elegans, Mexico coral drops, $1.00 per 100; $9.00 per 1000. Tigridias, in splendid mixture, $1.00 per 100; $9.00 per 1000. Amaryllis formosissima, monster size, $3.00 per 100; 60c per doz. All orders sent parcels post paid. J. A. McDowell, City of Mexico.

Tuberoses—Elegant dwarf pearl tuberose bulbs, No. 1, 4 to 6 inches, $3.00 per 1,000; No. 2, 3 to 4½ inches, $1.50 per 1,000, securely packed, F. O. B. here. Orders must be accompanied by cash or satisfactory references.
L. W. Boney, Wallace, N. C.

Headquarters for extra dwarf Pearl tuberose bulbs, 4 to 6 inches, $3.00 per 1000; 3 to 4 inches, $1.25 per 1000. Securely packed in double paper lined barrels f. o. b. here. M. M. Wells, Wallace, N. C.

Caladium esculentum, 1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small roots or sets, 60c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

60,000 gloxinias, 100,000 tuberoses and 60,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cold storage Lily of the Valley for Easter flowering. Takes three weeks to bring it into bloom. Per case of 1,000 pips, $10.00. H. A. Dreer, 714 Chestnut St., Philadelphia.

Some fine kinds of fancy leaved caladiums, small and medium sized bulbs, at less than real value. Kinds unexcelled. Address F. J. Ulbricht, Anniston, Ala.

Tuberoses, tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Calla lilies, blooming bulbs, 75c per doz.; $6.00 per 100. Tuberoses, first-class bulbs, 75c per 100; $6.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

Sea onion pips, 25c per 100; $1.75 per 1000. Mrs. M. E. Patterson, Glendale, Cal.

CACTI.

Phylocacti, 6 varieties, true to name, fine plants, 50 for $3.50; 100 for $6.00. Cereus flagelliformis, 8-in. cuttings, $2.00 per 100; $15.00 per 1,000. Echeveria offsets, $1.25 per 100. Cash. Mrs. M. E. Patterson, Glendale, Cal.

A good variety of home-grown cacti; healthy and good store sellers, 60c per doz., $5.00 per 100, $40.00 per 1,000. Cash with order. C. Schulze & Son, 25 Kalmia St., Flushing, N. Y.

CAMELLIAS.

Camellia japonica, 20 inches high; assorted colors, 50c each; $5.00 per doz. Good & Reese Co., Springfield, Ohio.

CANNAS.

Italia, Queen Charlotte, Chas. Henderson, Mme. Crozy, Florence Vaughan, Montel, Admiral Avellan, Eldorado, Burbank, Sam Trelease, Pres. Cleveland, Pres. McKinley and Sunray, 2 to 3 eyes, at $2.50 per 100. W. A. Wettlin, Hornellsville, N. Y.

Dormant Austria, Ami Pichon, Burbank, Chevallier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Cannas, Austria and Chas. Henderson, 2c; $15.00 per 1000. Will exchange for rooted carnations. W. B. Woodruff, Florist, Westfield, N. J.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas, started plants from strong bulbs, 4-in., $2.50 per 100. Seedling cannas, 4 varieties, $1.00 per 100. Morris Floral Co., Morris, Ill.

Austria cannas, growing roots from outdoors, 75c per 100; $5.00 per 1,000. These are fine for early sales. C. S. Tait, Brunswick, Ga.

Cannas all the leading varieties well established in pots, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Cannas, Chas. Henderson, Campbell, Austria, E. G. Hill, $2.50 per 100. Davis Bros., Morrison, Ill.

The new canna, Golden Age. See display adv. this issue.

CAREX.

Carex japonica. Fine large plants, from 3-in. pots, ready to be divided or shifted into 4-in., $2.50 per 100. Must have the room. L. D. Robinson, Jr., Springfield, Mass.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

Lawson, $7.00 per 100; $60.00 per 1000. Olympia, Estelle, $6.00 per 100; $50.00 per 1000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1000. Crocker, $2.50 per 100; $23.00 per 1000. Crane, America, Nugget, Ferguson, L. Paul, Sandusky, $3.00 per 100; $25.00 per 1000. White Cloud, Joost, Jubilee, Hill, $2.00 per 100; $15.00 per 1000. Scott, Armazindy, McGowan, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1000. Dana R. Herron, Olean, N. Y.

ROOTED CARNATION CUTTINGS. Five cuttings at 100 rate.

	Per 100.
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeRoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Humme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Mrs. Thos. W. Lawson, 1900	4.75
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Mrs. G. M. Bradt, variegated	2.00
Peru, white, 1900	2.50
Gen. Gomez, red	1.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	2.50	20.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

40,000 carnations, well-rooted and healthy.

	100.	1,000.
Lawson	$5.50	$50.00
Marquis	4.00	35.00
G. Lord	4.00	35.00
Crocker	3.00	25.00
Bradt	2.50	20.00
Crane	2.50	20.00
Maceo	2.50	20.00
Cloud	1.50	12.50
Joost	1.50	12.50
J. Dean	1.50	12.50

Also Asparagus plumosus, ready for pots, $2.00 per 100. Cash with order, please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$5.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	16.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
Mrs. Frances Joost	1.50	12.50
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00

EVENDEN BROS., Williamsport, Pa.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	2.50	20.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Strictly first-class carnation cuttings. No stem rot. No rust. No bacteria, and hence no bargain counter. Strictly first-class stock and extremely low prices are not found together. Enough said. We offer you healthy cuttings from healthy plants, properly rooted in light cool houses, carefully packed, at a fair price. What more do you want?

	100.	1,000.
Lawson (April delivery)	$7.00	$60.00
Marquis (April delivery)	5.00	40.00
Crocker (April delivery)	5.00	40.00
Chicago (April delivery)	4.00	30.00
Crane (April delivery)	4.00	30.00
Bradt (April delivery)	3.00	25.00
Maceo (April delivery)	3.00	25.00
Gomez	3.00	25.00
Nugget	3.00	20.00
Cloud	2.00	15.00
Flora Hill (April delivery)	2.00	15.00
Joost	2.00	15.00
Mrs. Jas. Dean	2.00	15.00

Rooted cuttings of Meteor Roses, $20.00 per 1,000. High-grade cut blooms of the above and other varieties shipped direct from the greenhouses at market prices. Send for our weekly price list.

Briarcliff Greenhouses, Scarborough, N. Y.

LOOK HERE!

	Per 100.	Per 1000.
Scott	$1.25	$10.00
McGowan	1.25	10.00
Flora Hill	1.50	12.50
Storm King	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Jahn's Scarlet	1.50	12.50
Firefly	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.50	12.50
Mary Wood	2.00	15.00
Mrs. Frances Joost	2.00	15.00
America	2.50	20.00
Gen. Gomez	2.50	20.00
Ethel Crocker	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Queen Louise	10.00	75.00

250 at 1000 rate.

Cuttings will be well rooted, taken from flats and sand, and from first-class stock.

Cash with order, please.

JAMES E. BEACH,
2019 Park Ave., Bridgeport, Conn.

Buy your rooted cuttings of carnations from healthy stock. Our plants are free from disease, have been grown cool and not forced in the propagating bench. We offer the following varieties and especially recommend Gen. Gomez. This carnation has proved this year the best crimson yet introduced. It is the Jack of carnations. In the New York market it commands the highest wholesale price.

	100.	1,000
Gen. Gomez	$5.00	$40.00
Mrs. Thos. W. Lawson	7.00	60.00
Genevieve Lord	5.00	40.00
Ethel Crocker	5.00	40.00
G. H. Crane	5.00	40.00
The Marquis	4.00	35.00
Olympia	4.00	35.00
Mrs. Bradt	4.00	35.00
White Cloud	4.00	35.00
Flora Hill	3.00	25.00
Gen. Maceo	3.00	25.00
William Scott (old fashioned, healthy stock)	2.00	15.00

THE OAKLAND ROSE NURSERIES.
John H. Taylor, Prop. Bay Side, N. Y.

Ethel Crocker has been, with me, all that I claimed for it. In order to have it tried a second season I offer it free by mail for $2.50 per 100. Elm City (white) has given excellent results, free by mail at $2.50 per 100. Lord, Lippincott, White Cloud, Bradt, Olympia, Paul, Gomez and Maceo at reduced prices for March. Albert M. Herr, Lancaster, Pa.

CARNATIONS—Continued.

CARNATIONS FOR PROFIT.

	100.	1,000.
Mrs. F. Joost, pink	$1.50	$12.00
E. Crocker	4.00	35.00
America	2.50	20.00
Jubilee	2.00	16.00
White Cloud	2.00	16.00
Flora Hill	1.50	12.00
Mrs. Bradt	3.00	25.00
Olympia	5.00	
Peru	3.00	
L. Paul	2.00	

Cash with order. BAUR & SMITH, 38th St. and Senate Ave., INDIANAPOLIS, IND.

WELL ROOTED CUTTINGS from the sand.

	Per 100.
The Marquis	$4.00
Ethel Crocker	4.00
Frances Joost	1.50
White Cloud	2.00
Red Jacket	1.50
Scott	1.50
Daybreak	1.50
New York	1.50
Victor	1.50
Genesee	1.50

WILLIAM SCOTT, Corfu, Genesee Co., N. Y.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties:

Guardian Angel,	Geo. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan,

See our display adv. on another page.
THE HARMS PARK FLORAL CO., Berteau Ave., near Western Ave., Chicago.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	1,000.
William Scott	$ 9.00
Flora Hill	9.00
Merrimac	9.00
Daybreak	9.00
Outcast	9.00
New York	9.00
Sandusky	15.00
Frances Joost	15.00
Genevieve Lord	35.00
Ethel Crocker	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under the same conditions. Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5.00 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.50 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.
THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1000; Lawson, $7.00 per 100, $60.00 per 1000; G. Lord, $6.00 per 100, $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.
We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

ROOTED CARNATION CUTTINGS — From sand or soil.

	100	1000
Ethel Crocker	$3.00	$25.00
White Cloud	1.75	15.00
Flora Hill	1.75	15.00
Triumph	1.75	15.00
Mrs. James Dean	1.00	9.00
Mayor Pingree	1.00	8.00
Wm. Scott	1.00	8.00

A few thousand of the above varieties from 2¼-inch pots; write for prices. Cash. C. Akehurst & Son, White Marsh, Md.

Carnations, rooted cuttings, healthy stock.

	1,000.
Daybreak	$12.00
W. Scott	10.00
F. Joost	12.00
Lady Emma	12.00
E. Crocker	25.00
R. Jacket	15.00

Unrooted cuttings at half price. Will exchange for Carnot and La France cuttings. Chas. Lenker, Freeport, N. Y.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

Good strong rooted carnation cuttings—per 100: Albertini, Bridesmaid, Triumph, Wm. Scott, at $1.00; Daybreak, Flora Hill, at $1.50; Jubilee, Morello, at $2.00; Mrs. Bradt, Chicago, Peru, at $2.50. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

Carnations. Rooted cuttings from soil. Ethel Crocker, $4.00 per 100; $30.00 per 1,000. Morning Glory, $4.00 per 100; $30.00 per 1,000. Gomez, $2.00 per 100; $15.00 per 1,000. Mrs. Geo. M. Bradt, $3.00 per 100. Vinca, Variegated, extra fine plants, 6-in. pots, $3.00 per doz. Cash with order, please. R. D. Lydecker, Hackensack, N. J.

Carnations.	Per 100.
Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Ethel Crocker, 2¼-in. pots or from sand. A1 stock in every way, $3.00 per 100, 250 for $6.00, 500 for $10.00, 1,000 for $20.00 for quick cash sale to make room. Also Mrs. J. Dean at $2.00 per 100; $15.00 per 1,000. Hession, Flatbush, Brooklyn, N. Y.

Carnations, strong rooted cuttings. Servia, a fine white, long stem, vigorous grower, free bloomer, $1.25 per 100, $10.00 per 1,000; G. H. Crane, $2.50 per 100; Tidal Wave and Scott, $1.00 per 100. C. Thompson Adams, West Medway, Mass.

Norway, the queen of white carnations; stock for February delivery all sold. Place your order now for March delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. H. Weber & Sons, Oakland, Md.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

Rotted cuttings of the grand new carnation GUARDIAN ANGEL. It is a money-maker. Note our low price of $4.00 per 100; $35.00 per 1,000. Send for list of other varieties. Holton & Hunkel Co., Milwaukee, Wis.

ROOTED CARNATION CUTTINGS ready April 1. Victor, Daybreak, Flora Hill, Triumph, $1.60 per 100; White Cloud, $2.00, and G. H. Crane, $2.50 per 100. L. L. MAY & CO., St. Paul, Minn.

Carnations—24 varieties of rooted cuttings. Fine clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

A few thousand fine rooted cuttings of Daybreak and Flora Hill. Will make very low prices. Express prepaid. S. W. Pike, St. Charles, Ill.

Ethel Crocker, plants from 2½-in. pots, $4.00 per 100; rooted cuttings, from soil, $3.00 per 100. C. Eisle, 11th and Jefferson Sts., Philadelphia, Pa.

Irene, the coming commercial pink, rooted cuttings, $1.60 per doz., $10.00 per 100, $75.00 per 1,000. Crabb & Hunter, Grand Rapids, Mich.

CARNATION CUTTINGS, well rooted. Argyle, Flora Hill, Daybreak and Scott, $1.00 per 100. Davis Bros., Morrison, Ill.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Bradt, Crocker, Joost and McGowan, 2-in. pots and rooted cuttings. Geo. A. Kuhl, Pekin, Ill.

All this year's new carnations, also the standard sorts. Write for descriptive list.
W. E. Hall, Clyde, Ohio.

Daybreak carnation cuttings, $8.00 per 1000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, strong rooted cuttings, ready April 1. Early sorts—Bergmann, Rose Owen, Yellow Monarch, $1.50 per 100. Mid-season sorts—Mrs. H. Robinson, Mrs. Murdock, $1.50 per 100; Mrs. W. H. Weeks, Australian Gold, $1.00 per 100. For Thanksgiving trade—Golden Wedding, Philadelphia, Mrs. J. Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100. For Christmas—H. W. Rieman, The Harriott, Yanoma, $2.00 per 100. L. L. May & Co., St. Paul, Minn.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 25c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. Rooted cuttings now ready. Good, clean stock. Glory Pacific, Golden Wedding, W. H. Lincoln, Major Bonnaffon, Ivory, Niveus, $1.00 per 100; 2¼-in. pots, $2.00 per 100. Cash with order. Miller & Clark, Jamesville, Onondaga Co., N. Y.

Choice rooted cuttings of Chadwick, $2.00 per 100; 2-in. pots, $3.00 per 100. Bonnaffon, Modesto, Jerome Jones and Ivory, rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Cash please. Frank Garland, Des Plaines, Ill.

October Sunshine, Yellow Queen, Mrs. H. Robinson, Golden Wedding and W. H. Chadwick, 2-in., $3.00 per 100. Rooted cuttings of same varieties, $2.00 per 100. F. R. Hills, Maywood, Ill.

Major Bonnaffon and Glory Pacific, fine, strong plants, 2-in., $2.00 per 100. Gold Smith (new), fine, strong plants, 2-in., $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Best commercial sorts; rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100, $15.00 per 1,000. Cash with order. C. G. Nanz, Owensboro, Ky.

For chrysanthemum rooted cuttings or plants from pots see February issues this paper or address Gunnar Teilmann, Marion, Ind.

CINERARIAS.

200 3-in. cinerarias, strong plants, $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

CLEMATIS.

CLEMATIS PANICULATA in 1000 or 10,000 lots from 2½c to 12c each. Send for wholesale list. ELIZABETH NURSERY CO., Elizabeth, N. J.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 60c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.60 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Verschaffeltii, Golden Bedder and other varieties, strong rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

[illegible] cuttings, Chicago [illegible] Verschaffeltii, [illegible] per 100, [illegible] Cash. E A [illegible], [illegible] W. [illegible] Baltimore, Md

Rooted cuttings of Vershaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Golden Bedder and Verschaffeltii, strong rooted cuttings, 75c per 100; $7.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus, Golden Bedder and Red Verschaffeltii. Rooted cuttings 50c per 100. E. A. Wallis, Jenkintown, Pa.

Coleus, in all the leading varieties, 2½-in. $2.50 per 100, $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, mixed, 2-in. pots, $1.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, finest assortment, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CRYPTOMERIA.

Cryptomeria (surplus stock), 6 to 10 inches high; well-branched, 50c per doz. postpaid. Theo. Fuhr, Box 612, Alliance, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CYCLAMEN.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

Cyclamen persicum from flats, $1.00 per 100. Krueger Bros., Toledo, Ohio.

CYPERUS.

Cyperus alternifolius, strong, stocky plants from 2½-in. pots at $3.00 per 100. L. L. May & Co., St. Paul, Minn.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also cannas, gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Colo.

Fine named choice varities of ahow, cactus and pompon dahlias. Field-grown, whole roots, $5.00 per 100. E. Haentze, Fond du Lac, Wis.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our apecial spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Snow Crest, 2¼-in. $4.00, 3-in. $6.00; rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

California Giant Marguerites, 2-in. $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

White Paris daisy, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Paris daisy, white, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

DRACÆNAS.

Surplus stock. Dracaena indivisa. $1.00 per doz. by express. Too large to send by mail. Theo. Fuhr, Box. 612, Alliance, Ohio.

Dracaena indivisa, from 4-in. pots, ready for 5-in., 24 inches high, $10.00 per 100. Cash with order. H. B. Snow, Camden, New York

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

EASTER PLANTS.

HEADQUARTERS FOR EASTER PLANTS.

I have an immense stock of the finest and choicest in the market, and in such quantities that exceed anything that I ever had [illegible] offered before. You would be astonished if you could take a look in seven (7) large greenhouses and an equal number of hotbeds which are filled to the fullest extent, and devoted to the entire cultivation of Easter plants alone. Therefore I will be prepared to fill all orders, if sent in time, as far as the supply will reach.

Azalea Indica. I am one of the largest importers of these choice Easter plants and have about a thousand more than last year. I raised these in large houses, 20x115 feet, erected for the cultivation solely of these plants. The azaleas were selected by myself last fall on my second trip to Belgium and as I am agent for a large concern there it gives you a chance to purchase your goods at first hand and not through a middleman. I have only new stock, none left over from a year ago. I can offer you plants in bloom, or buds, blooming Easter week, 6 in. pots, 60c, 75c and some for [illegible]. Most of them Mme. Vander Cruyssen, and some other of the best varieties which will be selected by myself. I have some fine specimen plants, 10-11 in. pots, 20-22 inches across, [illegible] large (Mme. Vander Cruyssen), of good shape and full of buds, $[illegible] each, easily worth [illegible]. Weight, with pots, 37 lbs., weight without pots, 17 lbs.

Araucaria excelsa and glauca in excellent shape, 3 tiers, 5 in. pots, 60c, 75c and $1.00 each. Very fine specimens, $1.50 and $2.00 each, worth $3.00.

Spiraeas compacta and floribunda. Fine bushy plants, my own importation, perfect jewels, 5½-6-in. pots, $3.00 per doz. Specimen plants $4.00 per doz.

Hyydrangea (Pink). 5½-6-in. pots, $3.00 to $4.00 per doz.

Cineraria hybrida. Choice colors, 6-in. pots $2.50, $3.00 and $4.00 per doz. In bloom now or at Easter. I have a house full of them.

Begonias. President Carnot and Semperflorens giganteum, also some other varieties, 6-in pots, $3.00 to $4.00 per doz. Vernon and other good blooming varieties, 4-in. pots, $1.20 per doz.

Daisies (white) Marguerite. Fine bushy plants 5-in. pots, $2.00 per doz.; 4-in., $1.00 per doz.

Liliums Longiflorum and Harrisii. Fine plants, raised from bulbs 7x9, obtained of the well known firm of Henry F. Michell. 6-in pots (from 5 to 10 buds to a plant), at the rate of 10c per bud. Height, 1½ to 2½ feet. No lilies sold by themselves; other plants must accompany them.

Cyperus (Umbrella plants), 4-in. pots, $1.00 per doz.

Corypha australis (Palms), fine plants, 14-18 in. high, 5-5½-in. pots, 50c each.

Dracaena indivisa (imported), for decoration, 6-in. pots, 50c each.

Hyacinths (Dutch named), strictly my own importation, raised from bulbs that cost from $6.00 to $8.25 per 100. These fine hyacinths I am selling at the rate of $10.00 per 100; extra choice, $12.00.

Tournesol Tulips (double red and yellow striped), 3 in a 4-in. pot. They are simply beautiful and sell at sight. $1.50 per doz. pots.

Daffodils (Von Sion), 3 in a 5-in. pot, from $1.50 to $1.75 per doz. pots.

Geraniums, 3-in. pots, Mme. Thibaut, Pilot, and some other good varieties, $5.00 per 100.

Cash with order, please. Money can be sent safe by express, postal money order, registered letter or drafts on Philadelphia or New York banks. At such a busy time (packing and shipping) I have no time to inquire into recommendation letters. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., RISING SUN, PHILADELPHIA, PA.

EASTER LILIES, Japans, cut blooms or buds, $10.00 per 100; in pots, bloom or buds, $12.50 per 100. Order plants at once, before they get too far advanced to ship.

Azaleas, strong plants, ready to bloom, $1.00 and $1.50 each.

Hydrangeas, 50c to $1.50 each.

Geraniums, in bloom, $8.00 per 100.

Unknown correspondents will send cash with orders. Connected with telephone.

WM. A. BOCK, North Cambridge, Mass.

Azaleas, large plants full of buds, 50c to 75c each; hydrangeas, 10c a bud; cinerarias, 5-in., $1.50 per doz.; cyclamen, 4-in., $1.25 per doz.; genistas, 4-in., $2.00 per doz.; primroses, 4-in., $1.00 per doz.; hyacinths, 1st size $1.50, 2nd size $1.00 per doz.; obconica, $1.00 per doz.; Crimson Ramblers, budded, 50c to $1.00 each; pansies, 50c per 100, $3.50 per 1,000; verbenas, large plants from soil, 50c per 100, $4.50 per 1,000; Marquerette carnation, mixed, from flats, $1.50 per 100. Whitton & Sons, City and Green Sts., Utica, N. Y.

For Easter and spring flowering. All plants are of fine shape and well budded. Per 100: Lilacs, $45.00; Azalea mollis, $35.00; Azalea pontica, $45.00; rhododendrons, $35.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

HEADQUARTERS FOR EASTER PLANTS [illegible]

[illegible] Crimson Rambler [illegible] [illegible] You [illegible]

[illegible] $10.00 [illegible] on arrival.

[illegible] $12.00 per doz. [illegible] $2.00 per doz. [illegible]

Rhododendrons, [illegible] in tub.

[illegible] extra fine [illegible] fine condition.

[illegible]

Hydrangeas. The best [illegible] $4.00, $5.00 each.

Hyacinths in pots and pans [illegible] $2.00 per doz. The best only.

[illegible] Flats and pans, all [illegible]

[illegible] white and blue [illegible]

[illegible] Roses in boxes our specialty. [illegible]

[illegible] Bushy plants [illegible] each [illegible] each.

Twenty-five greenhouses well stocked. Cash with order please.

ANTON SCHULTHEIS,
P. O. Box 78, College Point, L. I.

Azaleas for Easter. Standard varieties in prime condition.

Pots.	Dia.	12.	100.
5-in.	10 to 12 inches	$ 5.00	$ 40.00
5 & 6-in.	12 to 14 inches	6.00	50.00
6 & 7-in.	13 to 15 inches	9.00	70.00
7-in.	16 to 18 inches	15.00	110.00

Mme. Van der Cruysen, good value, at $1.50, $2.00, $2.50, $3.00 and $5.00 each.

Miscellaneous plants for forcing. Azalea mollis, 12 to 15 inches high, full of buds, $4.50 per doz.; $35.00 per 100. Deutzia gracilis, 3-year-old plants, suitable for 7 and 8-in. pots, $1.00 per doz.; $8.00 per 100. Deutzia gracilis rosea, a limited stock of one-year-old plants, $2.00 per doz.; $15.00 per 100. Deutzia Lemoinei, strong one-year-old plants, suitable for 6-in. pots, 75c per doz.; $6.00 per 100. Rhododendrons, fine plants, well set with buds.

High.	12.	100.
12 to 15 inches	$ 7.50	$ 60.00
15 to 18 inches	9.00	70.00
18 to 20 inches	12.00	100.00
20 to 24 inches	15.00	125.00
24 to 30 inches	24.00	

H. A. Dreer, 714 Chestnut St., Philadelphia.

Easter plants. Per 100: Heliotrope, 2¼-in., $2.00; daisies, white and yellow, 2¼-in., $1.50; Ageratum Princess Pauline, 2¼-in., $1.50. Will make fine plants for Easter. J. W. Miller, Hatton, Pa.

Baby primrose, 2½-in. pots, $3.00 per 100. Cyclamen, 2½-in. pots, $5.00 per 100. Stock in extra fine condition for Easter trade. N. Smith & Son, Adrian, Mich.

Harrisii Lilies. 500 surplus stock in fine condition for Easter; no disease; $18.00 per 100, in 5-inch pots. Wm. M. Kidd, 2984 Atlantic Ave., Brooklyn, N. Y.

Harrisii lilies, just right for Easter, $17.00 per 100 buds. A. J. Baldwin, Newark, Ohio.

FERNS.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Crisatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

FERNS OUR SPECIALTY. Adiantum Farleyense. The best paying plant in cultivation; plants and cut fronds always in big demand. If propagated now they will make $1.00 plants by next fall. We offer, while they last, good fresh crowns from 5-in. pots, which, if properly divided, will each make 50 or more plants, 12.00 per 100, 50 at 100 rate. In order to save expressage we shake off all the soil before shipping. Cash or C. O. D.

ANDERSON & CHRISTENSEN,
Short Hills, N. J.

FERNS—Continued.

Japan fern balls, one of the best Easter sellers. Start them now. We offer ⅞-in., 40c each, $3.60 a doz., $27.00 a 100; 9-11 in., 65c each, $6.60 a doz. Fern wreaths, 12-in., 60c each, $5.00 a doz., $40.00 a 100; 10-in., 40c each, $4.00 a doz., $35.00 a 100. Address H. H. Berger & Co., 47 Barclay St., New York.

50,000 BOSTON FERNS. I make a specialty of N. Exaltata Bostoniensis. Small plants, $4.00 per 100 or $30.00 per 1000; large plants, $6.00 to $20.00 per 100, taken from the bench. Extra fine stock. WM. A. BOCK, N. Cambridge, Mass.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.60 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns, strong, 3-in., $8.00 per 100; 2½-in., $6.00 per 100. Out of bed, ready for 6-in., $2.25 per doz., $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Fern Pteris Wimsettl, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Boston fern, true, 3½-in., $5.00 per 100. Maidenhair fern, 2½-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Boston ferns in 4, 5, 6 and 7-in., ready for a shift. Will make you money for Easter. Geo. A. Kuhl, Pekin, Ill.

Fern balls. Start them now for Easter sales. Write W. W. Barnard & Co., 161 Kinzie St. Chicago.

Boston ferns, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Boston ferns, small plants, from bench, $4.00 per 100. Miss H. M. Sealy, Lynbrook N. Y.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

FICUS ELASTICA

Rubbers in 3-in. pots, 6 inches high, strong stock, 6c; 4-in. pots, 12 inches high, 10c; 6-in. pots, 2 ft. high, 25c. Joy & Son Co., Nashville, Tenn.

FORGET-ME-NOTS.

Winter blooming forget-me-nots, strong 2 and 2½-in., $2.60 per 100. Cash with order. C. G. Nanz, Owensboro, Ky.

Forget-me-nots, 2¼-in., $3.00; R. C. (winter), $2.00 per 100. Greene & Underhill, Watertown, N. Y.

FUCHSIAS.

Fuchsias, rooted cuttings and 2¼-in. For prices see display adv. Greene & Underhill, Watertown, N. Y.

Single and double, 2-in., $2.00 per 100. Cash with order. C. G. Nanz, Owensboro, Ky.

GARDENIAS.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GAZANIA.

Gazania rooted cuttings, 75c per 100, $6.00 per 1000, postpaid. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

Geraniums. America, $8.00 per 100, out of pots; $4.00 per 100, rooted cuttings. Mars, $4.00 per 100. Jean Viaud, Clyde, Dryden and novelties, $8.00 per 100. Little Pink, Dr. E. A. Hering, E. E. Rexford, $2.50 per dozen. Standards, $3.00 per 100. Send for price list. Henry Eichholz, Waynesboro, Pa.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Geraniums. 25,000 rooted cuttings of all the leading varieties; all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

Finest assortment varieties, such as Queen of the West, Le Pilot, Bruantii, La Favorite, Marguerite de Layres, Poitevine, Mme. Thibaud, etc., $3.00 per 100; $25.00 per 1000. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Geraniums in 2-in. pots; Nutt, Poitevine, Dbl. Grant and others, $2.50 per 100; our selection, $2.00 per 100. Cash with order. Special price on large orders. C. A. Harris & Co., Delanson, N. Y.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

S. A. Nutt, Gen. Grant and 50 other varieties, single and double. Rooted cuttings, $1.50 per 100. Ivy geraniums, 2½-in., $2.50 per 100. Converse Greenhouses, Webster, Mass.

Geraniums. Leading named varieties, 2½-in., $2.50 per 100; $20.00 per 1000. Mme. Salleroi, 2½-in., $2.50 per 100; rooted cuttings, $1.00 per 100. Krueger Bros., Toledo, Ohio.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00.
Morris Floral Co., Morris, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Geraniums. 1,000 strong 3-in. plants ready for a shift; standard market sorts, named, at $6.00 per 100. Joseph E. Bonsall, Salem, Ohio.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geranium Mme. Salleroi. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Geranium Double New Life, rooted cuttings, $3.00, 2½-in., $5.00 per 100. Otis F. Searles, L. B. 288, Nashua, N. H.

Geraniums. My selection, 2½-in. pots, $2.50 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, double and single, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums, mixed; 3-in., fine plants, $2.50 per 100. O. Petersen, Round Lake, N. Y.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums, double, 2-in., $2.00. Cash. Edw. B. Jackson, Stamford, Conn.

Red, white and pink in 3-in. Write. Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For sample of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 405, Rochester, N. Y.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

Gladioli. Standard named varieties; colors separate and mixtures in various grades. W. W. Barnard & Co., 161 Kinzie St., Chicago.

XXX, the finest mixture in the market for florists, $1.50 per 100; $12.00 per 1,000. F. W. O. Schmitz, Jersey City, N. J.

Gladioli, a few thousand, mostly pink; medium size, $5.00 per 1,000. E. Haentze, Fond du Lac, Wis.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100, $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Sugar maples, nice trees, 4 to 5 ft., $4.00 per 100, $30.00 per 1,000, 5 to 6 ft., $6.00 per 100, $50.00 per 1,000. Linnaeus rhubarb, $1.50 per 100. Hemerocallis, early, medium and late, $3.00 per 100; $25.00 per 1,000. Oxalis, 60c per 100; $1.00 per 1,000. E. Y. Teas, Green's Fork, Ind.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemiala, Box 51, Buckley, Ill.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

Arbor-vitae, large fine plants, 3 to 4 ft., well shaped, 35c each, $4.00 per doz. Irish junipers, fine stock, 3 to 4 ft., 35c each, $4.00 per doz.; 4 to 6 ft., 50c each, $5.00 per doz. Nanz & Neuner, Louisville, Ky.

25 elms, 7 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Evergreens. Large stock of Blue Spruce, Douglas Spruce and Abies Concolor. Send us your list of wants. R. Douglas' Sons, Waukegan, Ill.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Good varieties, strong plants, $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

HIBISCUS.

Hibiscus, strong, thrifty plants ready for shift. Double pink and double red, 2½-in., $4.00 per 100. Nanz & Neuner, Louisville, Ky.

Hibiscus, 2½-in., 10 sorts, $2.50 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

Hydrangeas, early blossoms, 6-in., $2.50 per doz., $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

IVIES

English ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00. Greene & Underhill, Watertown, N. Y.

LANTANAS.

300 trailing lantanas, 2½-in., strong plants, $5.00 per 100. Cash with order. Thos. D. Candy, Langhorne, Pa.

MOONVINE.

Moon vines, 2½-in., $3.00 per 100. Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, tall, also dwarf, mixed, 2-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

If you read these advs. others would read yours.

ORANGES.

Otaheite Oranges, $3.00 per 100; $25.00 per 1,000. Ponderosa Lemons, bears fruit 2 pounds and up; an ideal pot plant; blooms and fruits when quite small, $1.00 per doz., $7.00 per 100, $60.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

PAEONIES FOR CUT FLOWERS
Now is the time to order.
Soon is the time to plant them
Red, per 100, $15.00
Pink, per 100, $20.00
White, per 100, $25.00
CHICAGO PAEONY FARMS, Joliet, Ill.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0 05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, 2 to 2½ ft. in h't and dia., 8 and 9 lvs., $12.00; 8-in. pots, 1 plant to pot, 2½ to 3-ft. in h't and dia., 9 to 10 lvs, $15.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $21.00.
KENTIAS. Per dozen. 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.
ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.
FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.
J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

	Pot. in.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

Kentias—Belmoreana, 3 and 3½-in. pots, $3.00 per doz. Forsteriana, 5-in. pots, $6.00 per doz. Larger sizes from 75c to $10.00 each. Wm. A. Bock, North Cambridge, Mass.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Latania palms, 2½-in., strong, 3c; 4-in., strong, 10c; 5-in., 25c; 7-in., 60c. Joy & Son Co., Nashville, Tenn.

For palms write Walter Retzer & Co., wholesale growers, 2049-59 Clarendon Ave., Chicago, Ill.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Seedling Seaforthia robusta, $3.00 per 100.
F. R. Hills, Maywood, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

THE JENNINGS STRAIN OF PANSIES. 35,000 fine stocky little plants, in finest mixture, now ready. By mail, 60c per 100; by express, $4.00 per 1000. Cash with order. E. B. Jennings, L. B. 254, Southport, Conn., grower of the finest pansies.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansy plants, from cold frames, small, $5.00 per 1,000; pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Giant Trimardeau. Fine transplanted, stocky plants; grand strain for size of flower and variety of colors, 50c per 100 by mail; $3.00 per 1000 by express. E. Fryer, Batavia, Ill.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

PELARGONIUMS.

Pelargoniums Lord Napier, Queen Victoria, Splendor, Mabel, Infant Prodigy, Gen. Taylor and others, 3-in. pots ready for 4 and 5-in., $5.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

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Petunias, extra fine, 10 [illegible] $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

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CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000.
CALIFORNIA PRIVET, 2 yr, $13.00 per 1,000.
Choice cuttings, 1,000, $1.25, 20,000, $20.00.
Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

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Rooted cuttings, extra strong and healthy.
Coleus, Golden Bedder, 50c per 100; $4.00 per 1,000. Crimson Verschaffeltii, 60c per 100, $5.00 per 1,000. 15 other varieties, same price.
Alternanthera, red and yellow, 50c per 100, 2¼-in. pots, $1.50 per 100.
Salvia, 2 varieties, 75c per 100, 2½-in., $2.00 per 100.
Ageratum, P. Pauline, Stella Gurney and Blue Perfection, $1.00 per 100; 2½-in., $2.00 per 100.
Heliotrope, dark and light blue, $1.00 per 100, strong 2½-in. bushy plants, $2.50 per 100.
Carnations, transplanted, Gen. Maceo, $2.00 per 100, Scott, Portia and McGowan, $1.00 per 100.
Geraniums, all the best commercial varieties; strong plants out of 3-in. pots, $4.00 per 100.
Petunias, Dreer's strain double-fringed, 25 named varieties, $1.25 per 100; strong 3-inch plants, $3.00 per 100.
Daisy, white and yellow, $1.00 per 100; strong 3-in., $3.00 per 100.
Begonia Guttata, strong, bushy plants; 3-in., $3.00 per 100.
All plants carefully packed. Cash with order.
C. GUSTAVE PAPSCH,
Moorestown, N. J.

Rooted cuttings, all strong and well rooted.

	100.	1,000.
Ageratum, "Cope's Gem."	$1.00	$ 7.50
Cuphea Platycentra	2.00	18.00
German Ivy	1.00	7.50
Heliotrope, best blue	1.50	12.00

N. B. Orders amounting to $5.00 will be sent F. O. B. New York City; those from unknown correspondents will be forwarded C. O. D. All orders filled in rotation. Seawanhaka Greenhouses, Oyster Bay, N. Y. Lock Box 227. Wm. L. Swan, Proprietor.

ROSES.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.
ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG, 51 Wabash Ave., CHICAGO.

ROSES FOR SPRING PLANTING. Strong field-grown.

	Per 100.
American Beauty, select	$25.00
American Beauty	20.00
La France, select, fine	25.00
La Franca	20.00

Cash or satisfactory references.
ALEX. WALDBART, Hamilton Ave. and Horton Pl., St. Louis, Mo.

AMERICAN BEAUTY—A No. 1 stock.

	100.	1000.
2½-in. pots	$5.00	$50.00
Brides, 2½-in.	3.00	25.00
Bridesmaids, 2½-in.	3.00	25.00
Meteor, 2½-in.	3.00	25.00
Liberty, 2½ in.	12.00	

Cash with order.
JOHN MUNO, Rogers Park, Chicago.

DORMANT ROSES 3½-in. pots, ready for 4½ and 5 in., 10 to 12 in. high, in the following varieties: Kaiserin, Maman Cochet, White Cochet, Mme. Chatenay, Perle des Jardins, Agrippina, Bon Silene, Safrano, $8.00 per 100. Cash. Edwin A. Seidewitz, 36 W. Lexington St., Baltimore, Md.

All the leading varieties—Teas, Hybrid Teas and Climbers from 2½-in. pots, $2.50 per 100. Hybrid Perpetuals, $3.50 per 100. Strong roses from 4-in. pots—Teas, 8c; Hybrid Teas, 10c; Climbers and Hybrid Perpetuals, 12c. Good & Reese Co., Springfield, Ohio.

ROSES—Continued.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

Strong, well established plants of Bride, Bridesmaid and Golden Gate, from 2½-in. pots, $3.00 per 100. Ready May 1. Place your order now and choice stock will be reserved for you. L. L. May & Co., St. Paul, Minn.

10,000 roses, dormant and H. P's, outdoor grown, also same grown in 4-in. pots, own roots, choice assortment, strong healthy plants. Also monthly, moss, climbing, etc. F. A. Baller, Bloomington, Ill.

Pot roses, bush and climbing varieties, in large quantities, $4.00 to $10.00 per 100. Send for list and prices.
ELIZABETH NURSERY CO., Elizabeth, N. J.

100,000 Kentucky-grown roses in 2½-in. pots; 75 leading varieties. See our 1901 catalogue for description of our new rose Winnie Davis. Nanz & Neuner, Louisville, Ky.

Strong plants from 2x3 inch pots ready for a shift. $6.00 per 100, $50.00 per 1000, they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

Roses, all first-class from 2-in. standard pots. Per 100: American Beauties, $6.00; Kaiserin, $4.00; Bridesmaids, $3.00. T. E. Bartram, Lansdowne, Pa.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

Field-grown American Beauties, 3 years old $15 per 100; $125 per 1000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Roses in 2 and 2½-in. We grow all the leading varieties and our stock is fine. Write us. Geo. A. Kuhl, Pekin, Ill.

Roses. Brides, Golden Gate and Bridesmaids, rooted cuttings, $1.25 per 100. Davis Bros., Morrison, Ill.

Rooted Rose Cuttings. Brides, Bridesmaids, and Meteors. $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

Golden Gate, strong 2-in., $3.00 per 100. Perle, 2-in., $2.50 per 100. J. M. Smely, Aurora, Ill.

Send for wholesale list of hardy roses. C. H. Joosten, 85 Dey St., New York.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

SALVIA.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1000. Cash. Benj. Connell, West Grove, Pa.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1000. Jerome Harley, Media, Pa.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2½-in., 2c; rooted cuttings, 1c. W. B. Woodruff, Westfield, N. J.

Salvia splendens, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Send in your order now for a copy of the Florists' Manual.

SEEDS.

XXX SEEDS Chinese Primrose: the finest strain grown, large flowering, fringed, 15 varieties, single and double, mixed, 500 seeds, $1.00; half pkt. 50c.
Pansy, Finest Giant. The best of the large-flowering varieties, strong growing, seed plants critically selected; choice mixture, 4000 seeds, $1.00; half pkt. 50c.
Cineraria. The finest large flowering dwarf varieties in best mixture, 1000 seeds, 50c.
Primula Obconica Hybrids. Finest giant flowering hybrids, mixed, 1000 seeds 50c.
JOHN F. RUPP,
The Home of Primroses. Shiremanstown, Pa.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut-flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts.; per lb. 60cts.; 5 lbs. or more at 55 cts. per lb.
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CORRECTION.—In the classified adv. of E. B. Jennings under the heading "Pansy Plants" in our last issue an error crept in making it appear that the plants were offered by express prepaid, when it should have read merely "$4 per 1,000 by express."

YORK, PA.—Mr. Augustus Doll, for many years engaged in the business, corner Market St. and Ehert's Lane, on account of his health will retire from business about July 1, he having sold the greenhouses, boilers, etc., except the plants, to Charles E. Smith, florist, who will remove the same after July 1 to his place on Jackson Ave.

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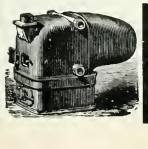

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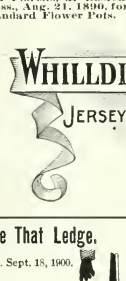
Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.



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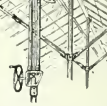

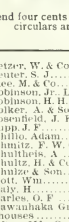

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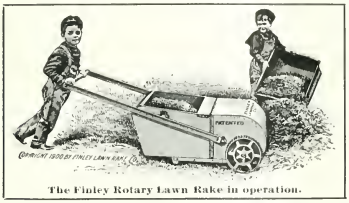

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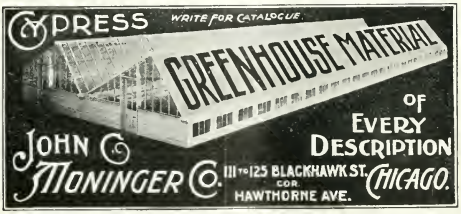
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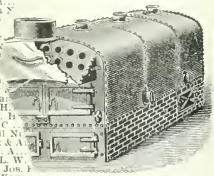

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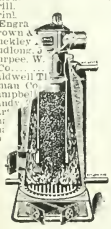

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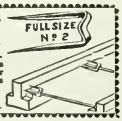

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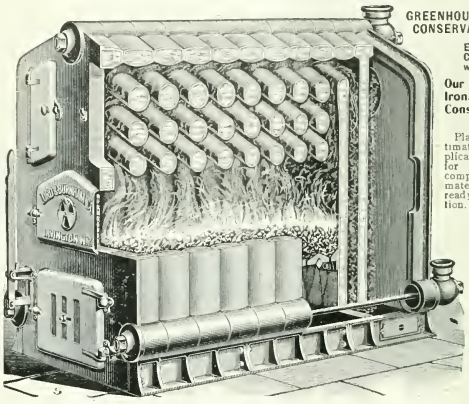

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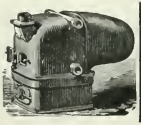

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MARCH 21, 1901. No. 173.

THE LARGEST FANCY CARNATION.
A Few Thousand Ready for Immediate Delivery.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant $0 50	50 Plants $10 00	500 Plants ..... $ 70 00
12 Plants 5 00	100 " 16 00	750 " 101 25
25 " 8 25	250 " 37 50	1000 " 130 00

WRITE FOR FULL DESCRIPTION.

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THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

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ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

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Open Day and Night. Give Us a Trial. We Can Please You.

TUBEROSES, CANNAS and other Seasonable BULB STOCK.

TUBEROSES ready for delivery now.
Dwarf Pearl, large bulbs .....per 100, $1.00; per 1000, $7.00.
Tall Double, fine plump bulbs..... " 1.00; " 7.00.
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GLADIOLUS Standard named varieties; colors separate and mixtures in various grades.
FERN BALLS. Start them now for Easter sales. We have a fine stock. TRY A DOZEN.
Tuberous-rooted Begonias, Caladium Esculentum, Dahlias, Gloxinias, etc.
Complete line of all New Crop Flower Seeds in store.
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Hoosier Maid. The Great Winter Bloomer.
Large white, does not get weak necked, sleepy, nor split in mid-winter. $8.00 per 100. $2.00 for 25. Prepaid. Cash with order.
ANDERS RASMUSSEN, NEW ALBANY, IND.

ESTABLISHED 1802

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Fresh Seeds Now on Hand.

Asparagus Sprengeri, $3.00 per 1000
Asparagus Plumosus Nanus ..... 8.00 "
Cocos Weddeliana ..... 7.00 "

Wholesale price list of High Class Flower Seeds, etc., for florists, free on application.

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(Late of 15 John St.)
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Last Call for Advs. for our

Special..... Spring Number.

Copy must reach us by the morning of Wednesday, March 27th, at the very latest to be in time.

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Importers and Manufacturers,
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Catalogue for the asking.
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"We are convinced that this variety is a valuable addition to the list of forcing roses, being in every respect, except color, the exact counterpart of the American Beauty. The color is a beautiful bright pink, which is good, even in the full flowers. The fragrance is also as fine as that of Beauty, and the exhibited blooms showed remarkable vigor."

(Signed) ROBERT KIFT,
WM. MUNRO,
JOS. HEACOCK.

N. B.—Two of the above Judges received first prizes for American Beauties at the Rose Show of American Rose Society, New York, March 27, 1900.

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The Floral Exchange, INC.
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CALADIUM ESCULENTUM, extra fine, 9 x 12 inch circ., $7.50 per 100. Good size, 6 x 9 inch circ. $4.00 per 100.
TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs, $2.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded. **LILACS,** in 4 varieties, $15.00 per 100. **AZALEA MOLLIS,** fine, $15 per 100. **AZALEA PONTICA,** $15.00 per 100. **RHODODENDRONS,** fine, $35.00 per 100 up. **PAEONIA SINENSIS,** $16.00 per 100. These are the finest named varieties in existence.
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Red, White, Pink and Salmon R. C., 2½ and 3-in.

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Pelargoniums in 3 and 4-inch, as fine a lot as you ever saw.

Carnations in 2-in., ready to plant out. Mrs. Bradt, Mrs. Joost, Ethel Crocker, Wm. Scott and McGowan, at prices that will please you. Write—

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STOP Walking the Floor! You wont be disappointed if you place your orders with—

SOUTHERN WILD SMILAX

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CALDWELL THE WOODSMAN CO., Evergreen, Ala.,
Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia. Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

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SPECIAL EASTER SALE. For $5.00 we will send you 2500 fancy or assorted Ferns, 2000 Galax Leaves, bronze, green or assorted. Send your order at once and be sure of your stock.

Fine LAUREL FESTOONING 4c, 5c and 6c per yard.

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For $5. Special for Easter.

1000 Dagger Ferns. 1000 Sprays. 1000 Galax, green and bronze. 100 Leucothoe Sprays. Cash with order. Stock A No. 1.

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119 & 122 West 25th St., NEW YORK, N. Y.

Manufacturers of..... **Florists' Wire Designs,**
Importers and Dealers in **Florists' Supplies.**
Galax Leaves and all Decorative Greens.

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MISCELLANEOUS SEASONABLE HINTS.

Propagating.

There are only a few weeks left when propagating soft wooded stuff can be done with ease and certainty, so make the best use you can of the next two weeks. When the bright suns of April arrive the extra heat entails much more care and watchfulness. Nearly all the soft wooded, quick growing plants such as salvia, ageratum, heliotrope, etc., are better propagated as late as this because they make plants of ample size and do not get stunted and unshapely by bedding time. Coleus we continue to propagate till end of May, but that will root at any time with heat and water.

Caladiums.

It is a good time now to start Caladium esculentum. There seems to always be a demand for these big leaved plants; cut the root well up to the sound last year's bulb. The new roots don't come from the bottom of the bulb but from all over its surface. We find time and space saved by putting the bulbs thickly in flats in three inches of sand or sandy soil, and if the flats can be placed a little above some hot water pipes the bulbs will start very quickly and soon throw out lots of roots. Don't let them make much top growth in this position or they will be weak. In about three weeks they will be in good order for potting into 5 or 6-inch pots and will need from that on the lightest, brightest and airiest house. If they are induced to make large, soft leaves they are sure to lose them when put out of doors and are then several weeks behind the smaller but more hardened plants.

Cannas.

Every one seems to believe that the popular canna will be in as great demand as ever, and even more so, and why not? There is something so suited to our semi-tropical climate about these stately and beautiful plants. It is a good time now to start the main lot. I have sometimes advised putting them in flats of sandy soil and placing the flats on pipes, and it gives them a quick start, but they must remain there but a short time. If you have a bench in a warm house it is just as well and better. Spread an inch of sphagnum on the bench and put the roots on it and then moss enough between them to about cover them, keeping the moss moist. They soon make a start and can be lifted and potted as soon as the roots have made a good start. The remarks about light and air apply to the canna equally as well as to the caladium. A stout, hardy growth is what is needed.

Seed Sowing.

By this time in the month the general crop of asters and other so called hardy annuals should be sown. We presume you have some asters sown a month ago, but now is a good time for the main crop. Marigolds, ten week stocks, Phlox Drummondii, or any other summer annual, can now be sown. Balsams are very rapid growers and do not want anything but a high temperature so they can be delayed till early in April.

The "art" of sowing seeds has been so often described that I would not venture to dilate on it here. A few good rules, however, are: Cover the seeds about the depth of themselves and keep them uniformly moist. A sudden parching of the soil just as the seeds sprout has often been the cause of the seedsman being blamed.

Till the growth is above ground any amount of shade can be given, or even the flats or pans covered with a cloth, but directly they are above ground they must have daylight without bright sun, and as the little plants grow they must have the fullest light or they will be spindling, which is a bad start. As these annuals take up lots of room when pricked out into flats we try to manage to keep them in the seed pans till after Easter, and then we have either room inside or it is warm enough for them in a cold frame.

Cobea Scandens.

A seed of different nature entirely is that of Cobea scandens, one of the most useful summer climbers we have. Sow it now; there is plenty of time. There is a right end to put in the soil but it is difficult to describe and the safest way for those who do not know the right end is to sow the seed on edge. Just squeeze the seed into the soil edgewise and no covering of soil is needed. Keep in a temperature of 60 degrees and moderately moist and they will soon start. They should be potted off singly into 2½-inch pots directly they show their character leaves, or rather growth.

Pansies.

Those who grow a few thousand pansies in frames for early use in vases must now keep a sharp lookout if they want good, sturdy plants. With a covering of snow or hemlock boughs they have been doing well all winter, but now they want the glass over them and must be growing. Every day when the sun shines don't neglect giving plenty of air or your plants will be spindling and useless.

Chrysanthemums.

There is no better time than from now on to start your chrysanthemum stock, and we need it. There is no such thing as doing without the mums. When the meadow lark flies south and our woods turn scarlet and yellow we look with joy at the opening petals of the autumn queen.

Cuttings rooted in May, or even June, make just as good commercial flowers as any, but we can't root them all then, and must make use of all available cuttings from now on. With late cuttings you often hear complaints of their not rooting well. The trouble is you don't keep them wet enough. You should never let them wilt. Soak them twice a day and keep the sun off them.

The varieties are too many for me to attempt to know even the best. I was much impressed last year with the great excellence of the grand yellow, Colonel Appleton, and although rather late for me to acknowledge it, W. H. Chadwick is a white of the very first order. It is easier to grow and a finer all around variety than the great Mrs. Robinson. Whoever intends to grow for exhibition cannot possibly dispense with Timothy Eaton, the great Canadian white, because in size and weight it will make any other mum look like thirty cents.

You often hear the remark, "My trade does not call for very large flowers." But if you can grow a large flower in the same space as a smaller one you are better off for I have never seen the customer who would not choose the large flowers if at the same price. Like dear, sweet Josina Vokes, who delighted millions in "The Milliner's Bill," she snatched two books from the shelf and without looking at their titles said: "I'll take the big one."

Easter Plants.

I can't add much to my notes of two weeks ago on this important matter. Don't get nervous. The last two weeks does wonders, particularly if we get a bright warm spell, which with us is about due. I remarked before that I do not believe in putting lilies into a cool house till the first buds are ready to open or they will with a sudden check stand quite still, and if the buds begin to open two weeks before Easter they are then in a cool house just right.

I see some neighbors are getting in their bulbs much ahead of time. You must remember that the hyacinths and daffodils are pushing up fast out of doors now and two weeks in a light house is all the time you want. Spiraea is a flower you want well out. People do not expect it to be a lasting plant and they want all the show they can get.

Azaleas differ very much in their time of flowering, and that you have doubtless looked out for. The early varieties, of which Van der Cruyssen is the best type, will need a cool, heavily shaded house, while the later varieties will take a good brisk heat for the last two weeks. You cannot expect to get all the plants in flower that you would wish to without a continual watchfulness and labor. Many moves and contrivances will have to be resorted to and it is wonderful what your fertile brain will think of if you have your heart in the business. Both the "heart" and "fertile brain" are used, of course, figuratively, as the heart has quite a different function and the brain's fertility could be better expressed by saying that a clear head and observing eye will be productive of healthy molecular action of the gray matter.

Excuse this psychological deviation. It's a relief sometimes, don't you know. But to be more matter of fact, let me conclude by saying that above all things that is inexcusable is to have green-fly on your plants when sold, or the odor of tobacco. I don't know of any plants that are in bloom for Easter that are at all hurt by a moderate fumigation, and do all the smoking that is necessary at least a week before the plants are to be sold.

William Scott.

CARNATION TROUBLES.

Please tell me what makes my carnation buds blast. The buds all come soft like the sample sent but all are blasted and have been so all winter. The plants look healthy. Most of the soil is the same that grew a crop of carnations last year, with about two inches of fresh soil added and a wheelbarrow full of manure to each ten feet of bench five feet wide. The soil is alive with fish worms and there has been some gas in greenhouse from furnace. Temperature 45 to 50 degrees at night. Do you think I had better throw the plants out? The varieties are Portia, McGowan, Daybreak and Alaska. H. R. B.

The carnation buds sent were so dried up that they were of no use in determining the cause of the trouble. According to the letter the conditions under which the carnations are growing are such that I am inclined to think there are several faults at the bottom of the trouble. In the first place there is no use trying to grow carnations or any other flowers in a house where there is more or less gas most of the time. It may have gotten strong enough to injure the buds when they were small and tender. The presence of fish worms is not conducive to good health and there is no excuse for any grower to have many of them around.

I do not approve of using the same soil two seasons on shallow benches, as it is very likely to be pretty well exhausted after the first season if the carnations make a good growth. The manure that was added would help some, but some bone and lime or wood-ashes should have been added as well if it was necessary to use the old soil over again. I have seen old soil used again after it had lain outside exposed to the weather a year with good results.

Now, if I am right in my opinion there ought to be no trouble in getting these plants into fairly good shape again at this time of the year when they naturally make a strong growth and outgrow many other diseases. Sprinkle a good handful of slaked lime between each row and water in well to get rid of the fish worms and give plenty of air both day and night to allow whatever gas there is to pass out of the ventilators. In about ten days give a light dressing of bone mixed in soil, about a 5-inch pot of bone to each bushel of soil and put on about ¼-inch thick. Keep the temperature about 50 degrees at night.

I would not advise propagating from these plants because it might possibly be some disease or blight that is causing the trouble. Better buy new stock and while you are buying get newer and better varieties. McGowan and Alaska are not nearly as good as Flora Hill and White Cloud, and Portia is away behind Jubilee, Crane and America. Daybreak does fairly well yet and on some places it is still really fine.

If I had these plants I would throw them out and replant at once with young stock for next season. It is early, but they would well repay you for the early start, now while it is cool and they can become well established before hot weather comes. The red varieties especially would appreciate it.

The Easter Cut.

When this reaches you there will be only two weeks before Easter and every grower is anxious to cut as many blooms as possible for that day and how we all watch the weather and the almanac and how we do swear at the weather man when he predicts rain for tomorrow, etc. Isn't it too bad that we florists can't make the weather? Don't force your plants to death with artificial heat if the sun fails to supply the warmth and light you need to open up the buds. A few degrees will not injure the plants, but raise the temperature gradually, a degree each night, etc.

If the weather is cloudy you can save up the blooms ten days, but if it is warm and bright you had better pick them right along up to a week before Easter and you will then have plenty of blooms to cut the latter part of the week. Easter is apt to be warm and pickled stock fares worse even than it does at Xmas, so be careful how you manage your cut, especially if you have to ship them. A. F. J. Baur.

ABOUT CARNATIONS.

While everybody's attention is directed to carnations I would like to mention one thing that I have not seen touched upon.

We watch the reports of the different growers in their trade lists and after a number of years' comparisons have come to the conclusion that the soil and conditions under which Messrs. F. Dorner & Sons grow most nearly coincide with our own. The notes and comments they make on varieties are nearly always what we would make on the same kinds which we have grown. The point I want to make is: If the grower of a small or medium quantity of carnations would make it a rule to read these reports carefully from year to year, after a few years he would find one whose conditions seemed very much like his own, then as a general thing he would be pretty safe in trying the new varieties that do well with this grower.

Very likely many are following this plan but I do not remember having seen it mentioned. It really saves one or two years' trial for the grower who is limited as to space and means to experiment for himself, and the smaller grower cannot afford to try the novelties the first year at the fancy prices.

But, by the way, the high priced stock of the introducer or grower who makes stock a specialty, is often cheaper than low priced stock from others. I have had an example of this lately, getting poor, slim, weak, sickly stuff that was really dear at any price. I shall always think of that concern as trying to have too much stock to sell at bargain prices. Next time I shall not fail to order from the man that does not offer at a lower price than he can offer first class cuttings for, even if my pocketbook causes me to order a smaller quantity, for I would rather have a dozen good plants than twenty-five sickly ones.

Speaking of the Marquis, while we have not enough of it for a fair trial, still as it has gone so far, it has given us only two flowers per plant from Jan. 1 to March 16 and this is a very poor showing, even though the flowers are so nice when you get them. Of course we shall grow some another year and try to get better results by different treatment, but I agree with Mr. Baur that the introducers should give us more explicit directions when they first send out a variety.

Why does not someone report their record of cuts from different varieties? I have been watching for them for some time but no one seems to come to the front. I would really like to know what the good grower considers a good average.

R. E. S.

THE MARQUIS.

While the discussion waxes warm over the merits and demerits of The Marquis it might be of interest to your readers to know of its behavior out here in the west.

It gives me pleasure to say that from the beginning to the finish The Marquis as grown here has been entirely satisfactory. Mr. Stuppy is the only florist here that grows this carnation in quantity. The plants are never planted out in the field, but are shifted into 4-inch pots and given cold-frame treatment for six weeks. Planted in the house August 1st they began blooming October 1st, and have been at it ever since. Mr. Stuppy grows all of the newer varieties to perfection, but especially recommends The Marquis to florists who grow and retail their own carnations.

John H. Vesey.

St. Joseph, Mo.

THE HOUSE OF WHITE CLOUD.

Referring to the engraving of house of White Cloud carnations that appeared in our last issue, Mr. N. Wietor says it hardly does the house justice, as the photographer arrived shortly after 2,200 flowers had been cut from it. He adds that not less than 2,000 flowers a day have been cut from that house for thirty successive days.

Their carnations seem to be extra good keepers and to always have good, strong stems, and this is undoubtedly the result of the fact that they keep air on almost all the time and maintain a very low temperature. The houses are often as low as 38 to 40 degrees, and even lower at times. Nevertheless they get quantity as well as quality.

ROSES.

[Some General Remarks on Roses by Benjamin Durfee American Rose Co., Washington, D. C., before the Chicago Florists' Club, March 15, 1901.]

It is fair, I think, to estimate that the average retail florist requires in his stock fully 75 per cent of white flowers. This applies with full force to roses. Today we have in general commerce but two white roses: Bride and Kaiserin. The Bride a sport from Catherine Mermet; the Kaiserin a seedling by P. Lambert of Germany. We were fortunate in being one of the pioneers in the introduction of Kaiserin.

Let us analyze the good and bad points of these two roses: In the Bride we have during winter a large, fine white bud, with fairly good foliage and free blooming, when well grown, but apt to come knotty and deformed in bad weather, and liable to have weak stems in the hands of any but the most skilful growers. This rose, however, becomes very small when the warm weather strikes it. It is a good shipper and a fairly good keeper, but flat and unshapely when wide open. It is somewhat of a cropper, but may be well classified among the best of the everblooming teas.

It must, therefore, be supplemented by a good white summer bloomer, and this you have in Kaiserin, one of the most beautiful of all roses. But Kais-

The White Golden Gate Rose.

erin is not a good shipper, nor is it a good winter bloomer except in far southern climates. It has a tendency to black spot, and it is not quite rapid enough in its growth, nor quite free enough of bloom. I might possibly add to these the White Maman Cochet, the use of which for out-door cut is developing in the East. With the two roses, however, the florist can cover the entire year fairly well.

Consequently, what the grower is in need of is a good all-the-year-round white rose, and this we are convinced from a five years' test will be found in the White Golden Gate. But let me give you our estimate of the qualities which a rose should possess in order to be a commercial florist's rose. It is very difficult to name in order of importance the many necessary elements; but if it had every other qualification and was a shy bloomer it would be utterly worthless to the commercial grower. I do not believe we ought to go outside of the strictly pure tea rose unless we are compelled to do so. Almost every hybrid tea retains too much of the spirit of rest which flows in the blood of the hybrid perpetual. But the tea rose is like you western florists, you hustlers of the Universe, you active, progressive elements of our profession, to whom I have come 806 miles to make my bow. Your Reinbergs and Bassetts and Washburns, your Wietors and Weilands, and the hundreds of others who within a decade have piled more florists' glass over the earth than can be found east of the Alleghanies. Like you western florists, the tea rose never rests, and should be your handmaiden.

But to return to our estimate of the necessary qualifications of a white rose, and they are freedom of bloom, good shipping and keeping qualities, thick leathery petals, erect long stems, large flowers the year through, rapid but not soft growth, freedom from black spot, strong root action, fragrance, good color, no hybrid blood in its veins. These are the general and most important requirements, and they are rarely to be met with assembled in any one variety. Some of the most necessary of these qualifications can only be discovered by an investigation of the growing plant, by personal inspection and custody of flower and plant for a long period of time. Consequently in a competitive exhibit the scale of points fails to cover such vital commercial elements as the keeping and shipping quality, freedom of bloom, habit of growth, freedom from disease.

From the commercial standpoint freedom of bloom would seem to be entitled to the most points, with keeping and shipping qualities a close second. And this brings me to the point of emphasizing the necessity of close observation of the growing plants when forming judgment of a novelty rose. Take for illustration the scale of points formulated by the American Rose Society for novelties: Size, 10; color, 20; stem, 15, substance, 10; foliage, 15; fragrance, 5; distinctiveness, 10; total, 100. As a commercial grower of roses under glass for cut flowers we will suppose the fact is proven to you that a certain novelty produces twice as many flowers during the period from December 15 to February 15 as American Beauty, but that it is neither more fragrant nor better colored, but is simply equal to American Beauty in all respects. I ask why those two elements should be allotted 15 points? Why in a white rose should color be assigned 20 points? This might be a correct proportion of points of color in regard to pink or red or yellow, but the line of demarcation in white is not a pronounced characteristic. When the Mermet sported into Bride what governed your judgment? Would anybody have grown Bride if it had been a shy bloomer? and yet that quality did not figure in the scale of points. It, therefore, seems as though the judges should not be barred from using their judgment, nor be compelled to pro rate the percentages according to a fixed standard.

The consideration of the Bride leads inevitably to the great distinction that should be made between a seedling and a sport, especially if the sport is from a standard commercial variety of many years' standing whose every good and bad characteristic is known to the profession. In the case of a seedling many of the defects may be concealed by the introducer. He may succeed in winning the whole gamut of gold and silver medals and certificates, and yet palm upon the purchaser a very unprofitable rose. The size, color, fragrance, stem, form, substance, foliage and distinctiveness may be of perfect standards, and thus yield 100 on the scale of points, but where will the grower be if the product of flowers is of the smallest? or the sleepy jade cannot be roused by any stimulating influences in winter; or if black spot skins off the 100 per cent of grand foliage, leaving nothing but the 100 per cent flower at the end of the 100 per cent stem?

Not so, however, with a sport from a standard variety, such as I have alluded to. You start out with a thorough knowledge of all its traits both good and bad. Thus we know that the Bride, like its parent, produces a very small flower during the month of May and to November; that it has a tendency to produce weak stems and much blind wood, etc. So with the White Golden Gate, it has the characteristics of the Golden Gate from which it sported five years ago; and those of you who grow Golden Gate know its qualities, both good and bad.

Perhaps a few historical words about Golden Gate, its characteristics, etc., may interest you. Golden Gate was introduced to the trade, I think, about 1890 or 1891, by Dingee & Conard of West Grove, Pa. It is said to have come out of Safrano crossed with Cornelia Cook, although there are some suggestions in the foliage of Niphetos' blood. The characteristics of Cornelia Cook predominate in nearly every element of growth and bloom, although it reproduces much more rapidly than its parent.

It has a strong tendency to break from the base and these canes, if allowed to bloom unchecked, produce enormous flowers. For many years, however, we have treated these growths as you would a mum. When the shoot has reached a height of about thirty inches

we disbud by breaking off about four or five inches of the top. From two to six side shoots will then quickly break, as the flow of sap is very active, and the flowers exhibited here of the White Golden Gate are all from side shoots, or, as you say in chrysanthemum lore, the terminal buds. Of course when I describe Golden Gate I describe White Golden Gate, for they are identical in every way except color. For our commercial purposes these buds are of ample size.

The result of disbudding you will readily perceive is a very large crop of good standard sized flowers. The plants are grown on benches in from 2½ to 3 inches of soil, top-dressed with a mulch half manure, half soil, twice during the season, and fed after the 1st of January with ordinary manure water. They are grown on their own roots, although Mr. Reuter, of Westerly, R. I., and Mr. Pierson, of Cromwell, Conn., used grafts in preference; but I see no need for grafted stock when their own roots are so very vigorous. The Golden Gate has had a hard struggle but to-day it stands the peer of any tea rose in commercial use. With this fact established, however, there must always be a limited demand in this country of high colors for the dainty porcelain coloring of Golden Gate; but the demand for White Golden Gate must necessarily be enormous, as it will very quickly displace all other commercial whites.

CHRYSANTHEMUM NOTES.

Propagating.

The cutting benches just now are kept in full swing propagating bedding stock and such like and oftentimes the earlier batches of mum cuttings are crowded in consequence.

It is a great mistake, and would be better by far to defer the propagation of the mums till later when much of the other stock will be out of the way. Overcrowding in the cutting bench is the reason why so much of the stock seen around in early spring is so spindly and wiry looking. Such stock never comes away freely with clean thrifty foliage and stocky short jointed growth, which is the only kind of growth you want to get for best results.

If you have the space to spare in the cutting bench and the cuttings themselves are in good condition it is well to get in all the stock you can this month of the slow growing dwarf kinds: Bonnaffon, Jerome Jones, Glory of the Pacific and such kinds.

A new variety to America named Nellie Pockett that is being sent out this season is notably dwarf. We have plants of it that have been growing for weeks past and are not yet two inches in height. It is a lovely thing, and for side benches its dwarf habit is just the thing. Mrs. Barkley, an immense rose pink flower, is another very dwarf habited variety. Mrs. Barkley is "English, you know," and the largest flowers exhibited there the past season were of this variety.

In taking cuttings always be careful to select only the suckers that come up around the base of the old stem. These will always give satisfaction, while cuttings that form on the old stem will, nine times out of ten, begin to throw buds as soon as they begin to grow, and you will have to wait until they produce a sucker from the bottom before they will make decent plants.

V. Morel is a variety that produces a bud any way, no matter whether you take a sucker or stem cutting, and the only way to handle this superb old variety seems to be to pot it up after rooting, and when a strong growth appears coming from the bottom let it go on growing and cut away the original plant. Every variety that grows has its own little peculiarities and these must be noted and understood by the grower, who is looking for the largest measure of success.

Keeping the Stock Clean.

Always see that the cuttings are clean and free from any disease before putting in the bench. You may think, "Oh, it isn't so necessary as all that, the mum will grow out of a little leaf spot all right," and so on but it's just as easy to begin right as any other way.

Clean the cuttings of all aphis, black, green or any other color, and if you have any rust on your plants this is the time to get rid of it. A few spores left unnoticed on the young plants now will by next summer furnish enough to go all through your stock. The scientists tell us that the winter spores (or teleutospores) of this disease will remain dormant all winter and will not germinate until the following spring. It may be so, but we have noticed this disease on some varieties every month in the year.

Whether you have any rust on your plants or not, it is always wise as a precaution to spray your stock at intervals throughout the early part of the year with a solution of potassium sulphide, half an ounce to a gallon of water. This solution, while not exactly conveying to the senses the perfumes of Araby the blest, we have always found to be effective in destroying the spores, providing it is carefully syringed on the under side of the leaves. If the plants are in pots the most effectual way is to dip them in the solution. If the plants are very soft in their growth it may injure the extreme tips of the young leaves but they will soon grow out of it all right. This disease has never been so bad in this country as it has in Britain, our hot, dry summers not being so favorable to its development as the humid atmosphere of the "other side."

Exhibition Blooms.

A correspondent wishes to know how to get the largest number of exhibition blooms from a bench thirty feet by seven feet, citing three different methods he has in view:

1. Cuttings rooted early in March and finally potted in nine-inch boxes, taking three shoots to a plant.

2. Cuttings rooted early part of May, planted eight inches by ten and kept to single stem.

3. Cuttings rooted early in June, potted into six-inch pots, kept to single stem. Economy to be also a factor in the final results.

Unquestionably the most economical way and, to my mind, the best results would be accomplished by No. 2 method. The economy lies in the fact that the plants being planted out would not need nearly the water that the pots or boxes would, and, consequently, cost less to grow, not in the cost of the water, but the labor of applying it. We have grown splendid flowers in boxes, but not the finest exhibition flowers from three shoots to a plant. The advantage of pots or boxes is that they can be moved around into another house if desired, but if the plants can remain to flower in the same house I would always plant out on the bench.

If your correspondent is going in for exhibiting he ought to have a small batch of plants in six-inch pots. While they will not make such large flowers as the single stems planted out, they will make a nice showing, and most exhibitions have a class reserved for such plants exhibited in pots as grown. The greatest number of flowers would be produced, of course, by taking up three shoots to a plant but such quantity is always at the expense of quality. Brian Boru.

PANDANUS SANDERI.

I had the pleasure of seeing Pandanus Sanderi in its new home at Dreer's nursery, Riverton, N. J., recently and of hearing Mr. Eisele talk of his trip to Europe and this new Pandanus that he brought home with him.

It is beautifully variegated in green and gold on every leaf, the coloring being pronounced even on the bottom leaves. The foliage appeared longer and narrower than that of Pandanus Veitchii, and Mr. Eisele thought that in habit the new plant was distinct from the old, his idea being that the center leaves of P. Sanderi were less erect when first thrown up than those of P. Veitchii.

The coloring and general effect of this new Pandanus reminded me strongly of the variegated pincapple (Ananas sativa variegata), only there is a vigor and life about this plant which is lacking in the variegated pineapple. Mr. Eisele explained that the plants we saw were but a small vanguard, the entire stock being expected later; in time he hoped to send a big specimen plant to the coming rose show in New York.

Great credit is due the H. A. Dreer Company for securing this gem of the tropics, which has such a promising future before it. Phil.

There has been some discussion of late about the description of this plant, but after the discussion is over the fact remains that the plant in question is a splendid thing and is bound to have a phenomenal sale. For brilliancy of coloring Pandanus Veitchii is simply nowhere alongside of it.

I saw a large batch of plants in Messrs. Sander's nursery on Dec. 24 last. It was a dreary, foggy day and coming into the house where P. Sanderi was growing it seemed by contrast a blaze of sunshine. I thought at the time it was one of the handsomest plants I ever saw. They have quite a number of novelties in the plant line but nothing in my opinion like the plant in question. Pandanus Sanderi has certainly come to stay.

Chas. H. Totty.

Madison, N. J.

LILY OF THE VALLEY.

By H. N Burns.

[Read before the Chicago Florists' Club, March 15.]

In response to your request I have pleasure in speaking to you about this particular flower. As most of you know I grow some of them all the year around. I have had good success the last few sea-

A house of the new Pandanus Sanderi.

sons, though I did not grow very many lately as it was not satisfactory. In our trade papers there have repeatedly appeared very good articles on forcing lily of the valley from prominent men and I would rather confine myself tonight to the stock to be used for forcing. This is undoubtedly the most important point in forcing valley successfully and too much care cannot be used in procuring the right stock.

Pips to be used for early forcing should have been grown in light, warm soil; it is immaterial whether a sandy soil or a good cultivated garden soil. Pips grown on a damp, cold place, or in a heavy loam, should be used only for late forcing.

Good pips for early forcing should be strong, solid, run even, and must have plenty of fine, long, white roots that start right from the pips. These signs will assure you that the pips have been well taken care of and cultivated. Stock like that can always be depended upon to give good satisfaction providing they get proper treatment.

For late forcing I use stock grown on heavy soil. The roots are shorter and coarser, but the pips should be strong and evenly assorted. Here I find trouble sometimes, particularly when the season was rather moist. The lower bells are too far advanced in the pips and in growing they fade before the valley is fully developed. Most of the time I find this trouble with the strongest pips grown on heavy and damp soil. It is therefore advisable to look upon such stock, as well as unevenly assorted pips, with suspicion. My shipper keeps me informed as to where the different kinds were grown and how the season has been as this is very important to know.

Mr. August Jurgens was to have read a paper on the same subject but had failed to prepare anything. When called upon he said that an important point in valley forcing was to heel the pips into soil just as soon as received and not allow the pips to dry out. He said that to get really first class valley it must be grown cool and given plenty of time to develop. If forced fast you get stem but at the expense of the flowers. The flowers must have time to develop and this process cannot be successfully forced. The temperature varies, of course, with the season. His early valley he gives 85 to 90 degrees, but later crops get only 75 to 80 degrees. He had found that the most expensive pips were the most profitable to force as the poorer average of flowers from the cheaper pips made them most costly in the end. Every batch must be treated differently and he learns something new every year.

He displayed a bunch of very fine valley that excited the admiration of all. These were from pips put in February 7. He was pessimistic, though, as regards the profit in forcing valley. His experience had been that the demand was very uncertain and irregular and that the demand was generally strongest when he had but a few and discouragingly light when he had a good lot.

Mr. Buettner took another fall out of the retailers for not encouraging the sale of valley. They seemed never to buy it for regular stock, he said, but bought it only when it was specially called for and then they would want a big lot and wondered why the grower couldn't supply it. He said there was too much of a tendency among the retailers to hunt for flowers that would cover a big space in a funeral design and that they would better spend some of their time in catering to and developing a taste for something better. He took the bunch of valley, spread it out loosely and said that such a bunch placed on the counter would sell, but that a much greater demand would be developed if the retailer were to make it up in some pretty, dainty combination. He said that the average retailer took the bunches just as they came from the grower, jammed several of them together in a crude looking jar and then was disgusted when customers passed it by.

AN EMPLOYES' ASSOCIATION.

Editor FLORISTS' REVIEW:

I have read with much interest the paper read by Herman Knope before the Detroit Florists' Club and printed in your paper. He certainly brings out some points worthy of consideration. But how to improve the situation is the question.

Would it not be a good idea for employes to have an association, admitting only good men and excluding all the skates and big mouths and get together on their own account. I am sure they could advance their own interests and those of honest employers too, by an organization if broad enough in its aims and character.

How would it do to try to get together at the time of the S. A. F. convention in Buffalo next August? I would make an

effort to attend the meeting if one should be arranged for and would be willing to sign my name to a call if a dozen or fifteen others will do likewise.

Or, if this isn't considered practicable, why couldn't we form local organizations and then send delegates to Buffalo to perfect a national body or federation? I hope the REVIEW will give space to this and to a further discussion of the matter. EMPLOYE.

[Certainly the suggested action could do no harm and might accomplish much good. We are perfectly willing to print further communications on the subject providing they are brief and pertinent. —ED.]

PHILADELPHIA.

The Market.

The cut flower market has continued exceedingly active for the season. Good stock is in demand and some things were actually scarce early last week. Later in the week white carnations were much sought after, the price stiffening a little on the latter in consequence. John Wanamaker's "Silver Jubilee" was thought to be partly responsible for this shortage in white, as he used carnations of that color freely at his store. But the brisk demands continued after the "Jubilee" was over. Speaking of white carnations, it is said that the bulk of the stock grown around here is still "Lizzie McGowan." This is rather surprising, as one hears chiefly of the novelties.

Violets are awfully plentiful, the street being actually blue with them at times. Bulbous stock is hardly so plentiful; it moves fairly well, but the margin of profit must be extremely small at prevailing prices.

Quotations are about as follows: Beauties, short, $1.25 to $1.50 a dozen; medium, $2 to $3; fancy, $4 to $5 (this grade goes slowly); Teas, $3 to $5 for small, the latter figure for white; specials, $8 to $10. Carnations, fancy, $3 to $4, a few $5; ordinary, $1.50 to $2. Violets and bulbous stock remain unchanged.

Easter Outlook.

The outlook for Easter is excellent. There will be more plants and better plants than ever before, and that is saying a good deal; a decided improvement since the advent of the disease in lilies. The bulk of the stock will be Japan grown longiflorums. Our growers are learning how to do them now. The plants are taller than last season, about 3 to 3½ feet high, and the flowers while not quite as large as the Bermuda grown, are very much finer than I have seen them before. Another point is that the plants average more flowers to a stem than was generally seen in the past. Taken all in all, I think our exack retailers can once more handle lilies with satisfaction. But they are not going to be very plentiful, and the wise dealer will pick out his stock in time. It won't pay to wait this year.

Crimson Rambler is another strong item on the Easter list. This rose is no longer a novelty; it is, however, a really good thing and is in some places better done than last year, the plants being more shapely and very well set with buds. Azaleas, genistas and spireas promise well. It is a little early to speak with certainty about deutzias, and the same is true in a different way about hydrangeas, for while deutzias must be just right in development, hydrangeas must be just right in color to prove quick sellers in the critical market of today. There are lots of other good blooming plants, but these, with the bulbs, form the staple articles that most interest our growers and retailers.

Various Items.

The effect of the good winter's business in cut flowers is beginning to appear at Chestnut Hill. John Burton is about to erect a range of glass (that is the up-to-date expression) on ground near his present houses. He proposes building six houses, each 25x150, to be heated by steam. The houses will be devoted to growing roses for cut flowers.

H. H. Battles has closed a contract for two houses, each 25x175 feet, with an 8-foot north side propagating house and a shed. This plant is to be erected on Mr. Battles' place at Newtown Square, and it is understood will not be devoted to growing standard varieties of cut flowers, the plan being to grow some of the things a first-class retailer requires and that are sometimes difficult to get. This information should reassure the rose and carnation men, but the growers of asparagus may not be so safe.

Harry Faust, of Merion, has a fine lot of Japan grown Lilium longiflorum.

George Anderson has a house of Ulrich Brunner that are thought to be just right for Easter. The plants are two years' bench grown and are in fine shape. It is the only house of this rose on the place.

John Walker and George McLean, who started in business last fall at Youngstown, Ohio, are encouraged by the result of their first winter's work. Their store has done well and the greenhouses will do better when they can reap what they sow instead of what somebody else sowed.

William Berger, of Germantown, is erecting a show house in the rear of his store. This greenhouse is to be ready for Easter.

Joseph Heacock is cutting some superb White Cloud that are bringing $4 a hundred.

In honor of St. Patrick's day much shamrock was seen, some of it in quaint little pans shaped like a shamrock leaf. One of the department stores gave away a large counter full of these little clover-like favorites. You wrote your name and address, or somebody else's name and address on a slip and the lucky people were to have a pot of shamrock sent to them.

William J. Moore is and has been receiving very fine Beauties and Maids from Burton's greenhouses, William Munro, manager.

Some floral work went from this city to the funeral of ex-President Harrison.

PHIL.

ST. LOUIS.

The Market.

The market this week seems much better than last week. The overstock is not so great as it has been except in bulb stock which remains about the same. The weather is fine and conditions are ideal for producing quantity and quality.

The topic for the present is Easter. From all appearances there will be an abundance of stock, both in plants and cut flowers, to supply the demand.

Prices are easy in most lines. Such varieties as Meteors, Brides, Maids and Golden Gates are from $3 to $6; Perles and Woottons, $2 to $4; Beauties, select grades, are $3 to $4 per doz., and from that down to 50 cents per dozen for shorts.

Carnations are quite plentiful but in great demand; white and pink head the list and are much the best sellers. Fancy stock still brings $3, the bulk, though, is sold for $2 and a few at $1.50.

Violets also seem quite steady in demand but prices have not recovered; the best stock goes for $2.50 per 1,000 but the bulk of them go for $2. Bulbous stock remains about the same as reported in last issue; still very plentiful and very little demand for it. Smilax is somewhat scarce. Adiantum is in good demand but stock is poor.

Club Meeting.

The March meeting of the Florists' Club was held last Thursday afternoon and was fairly well attended. President Guy opened the meeting at 3 p. m. with 18 members present. This was our mixed cut flower meeting, but only a few made exhibitions. R. F. Tesson won first prize for a fine vase of Ethel Crocker carnations; F. J. Fillmore, second, for a vase of mixed roses; Dr. Halstedt, of Belleville, third, for a vase of well-grown mixed roses. Dr. Halstedt also showed a vase of sports of Mrs. Bradt. The American Rose Co. of Washington, D. C., showed a fine vase of their new rose Ivory which was received in good condition and was much admired. The rose was awarded the club's certificate of merit.

Rudolph Wind and Robert Scott made application for membership.

After some discussion it was decided to have a show this year and the president appointed the following committee to take charge: J. J. Beneke, Fred Meinhardt, C. C. Sanders, R. J. Mohr and George Windler. It was decided to discontinue having monthly flower shows for prizes. Mr. Robert F. Tesson read his essay on "The Cultivation of the Rose Today as Contrasted with Ten Years Ago," which was very instructive to the members and was received with thanks.

The committee on World's Fair was appointed as follows: Fred C. Weber, R. F. Tesson and J. J. Beneke. The committee is to see the World's Fair officials so as to get recognition during the fair.

Henry Berning and Carew Sanders postponed reading their essays until next meeting. This will make four essays for the April meeting, as follows: "Bulb Stock and How It Should Be Grown to Make It Profitable," by E. W. Guy; "How to Grow Profitable Pot Plants," by Carl Beyer; "Shrubs for the Florist," by Carew Sanders; "Best Method for Wholesaling Cut Flowers," by Henry Berning. The next meeting will be held Thursday afternoon, April 11, at 3 o'clock.

J. F. Ammann is a candidate for mayor of Edwardsville, Ill. Fred is a great hustler and will no doubt be elected, at least we hope so.

E. W. Guy, Dr. Halstedt and Henry Emundt of Belleville; William Winter and Fred Ude, Jr., of Kirkwood; J. F. Ammann of Edwardsville, and S. S. Skidelsky of Philadelphia, were visitors the past week.

Mr. William Busche, the landscape

A Group of Funeral Designs.

gardener, is laying out the private place of Fred Kole at Venice, Ill. Mr. Kole is a wealthy banker of that place and is sparing no expense in putting the place in first-class shape, and he has the right man in Mr. Busche.

J. J. B.

FUNERAL DESIGNS.

The accompanying engraving is from a photograph of a group of designs used last October at the funeral of the manager of a large department store in Chicago, and it shows that the set design has most decidedly not yet passed away. In fact, some florists note something of a revival in the call for large set pieces at certain funerals.

Many of the designs seen in the group were arranged by the Geo. Wittbold Company, Chicago, and to them we are indebted for the photograph and the following facts regarding the designs:

The loving cup was four feet high, the outside all white roses and the inside yellow at the rim and solid pink below that, to represent wine in the cup. The handles were of carnations. The price paid for this was $50. The heart was made solidly of Bridesmaid roses and the price was $30.

The broken column was seven feet tall, the column being of Bride roses and the garland of violets. The broken piece of the column appeared on one side of the base, while the other was filled with sago palm leaves and a bunch of roses. The cost of this piece was $55. The open book was of carnations, with Perle roses at the edges, and the lettering and the pen were in violets. It was to represent some book kept by the deceased and indicated the last entry.

While Messrs. Wittbold are not prepared to say there is an especially noticeable increase in the call for set designs, as the great bulk of the funeral arrangements they make are simple bunches, yet they have had a large call at times and feel sure the design still has a strong hold on popular favor. One thing they have noticed is an enlarged use of decorative plants at funerals, all now requiring at least a few palms and many ordering sufficient for quite a decoration.

BUFFALO.

I forget whether March came in like a lamb or a lion, but it's acting now like a Texas steer, and wind and mud and snow and rotten ice and occasionally a little sunshine is served up to us regularly in the course of 24 hours. An early dry spring would have been a great help to the Pan-American. If, however, April the 1st finds frost entirely gone and the ground dry, all will be well.

There is not much of the dullness of Lent felt in this city and on fine days we find business quite fair. Flowers are quite plentiful, especially violets. A good many are sold but it does not keep down the cut.

Mr. C. F. Christenson has had for the past two months a grand bed of mignonette, a big lot of it and spikes two feet long. It has paid well, as most anything does when well grown. It is in six inches of soil on a broad middle bench of a very light house and a night temperature never over 45 degrees at night.

From present indications lilies are going to be rather scarce. There are blocks of a few hundred here and there but in many establishments there will not be one. So I look for a lively demand. In other popular Easter flowers there seems to be enough to go around, although we do confidently expect that the coming Easter will be a great one.

We have a good many visitors, rather more, naturally, than ordinary seasons, and most of them take advantage of their being in town and have a look at the Pan-Am. Mr. Van Zanten was here and a very jolly young man who represents Messrs. Hageman & Meyer, and young Mr. Ed. Fancourt spent a day on his road home to Philadelphia, for a few days' holiday, and doubtless there were several more that we had not the honor to meet.

On Thursday next the club holds its annual election and there is likely to be a lively contest for the several offices for they will be positions of honor, but by no means soft jobs, for the coming summer, as every man will have to do his duty and there will be an abundance of duty to do.

Mr. W. J. Palmer started last night for the grand aristocratic, gilt edged and doubtless magnificent New York rose show.

W. S.

If you have any stock to offer the trade do not fail to have an adv. in our special spring number, to be issued next week.

BOSTON.

Trade Conditions.

The old caution to "Beware the Ides of March" seems to need as much attention on the part of Beantown florists as in the days of the laurel crowned Cæsar. Another broken week. Probably fairly satisfactory to the pink and white rose men who sold copiously of their wares even if at a low figure; fairly so to the pink carnation men as good flowers were a little scarce in their boxes and consequently brought fair prices. The double violet men wore a puzzled expression; the single violet men almost a pleased one because they did a little better than for a month or so. The bulb goods men also softened their haggard expression to a slight extent but the red rose men wore faces as long as the stems of their roses. Bushels of fine red roses poured into the city but for some unknown reason the retail call for them almost disappeared. The arrival of larger lots of Brunners also complicates the situation. Is it not remarkable that in the long run the Exeter Rose Conservatories of New Hampshire, can quite successfully compete with warmer states on red roses? While perhaps a bit behind them during a couple of the coldest months, yet during the remainder of the year it is nip and tuck, and their present output handled here by myself, is not surpassed in any respect. But they are the only New England growers who thus far have made anything like a permanent success of red roses of any kind except Jacks, their success with American Beauties being distinct.

"A Waverley Novel."

Unless you think you can adequately describe Jordan & Marsh's business in a one-story ink building do not criticise me for a sham structure about the establishment of E. N. Pierce & Sons of Waverley. But I went out there and since the electric free transfer system carried me about twenty miles very cutely for a nickel I think I may claim I was electro-"cuted" for that distance. They have 125,000 feet of glass, largely used just now for the development of 60,000 Easter lily potted plants estimated to carry 360,000 buds and blossoms. They claim it as the largest collection of the kind. Who dares dispute it?

Mr. Pierce and his two sons seem especially adapted for the work, each to his own department. Mr. Pierce is chief of the horticultural branch with fifteen assistants. One look at the products in the city and another at the magnificent crop now coming, proves his efficiency, but I find an hour's walk with him from house to house even more demonstrative as well as instructive. But his success with lilies lies as much in the completeness of his plant as anything. Twelve huge houses of them, each being run at a different temperature, and those fifteen men, and a team or two, busy continually changing the plants back and forth into different houses in order to hasten or retard the growth of each. Very simple, you see, when you have the twelve houses, the fifteen men and the teams, especially with the addition of the tracks laid in the houses and the narrow truck that runs along them and carries fifty pots with a push of one hand. Since this crop will be out and away soon there is a stray undercurrent of preparation for the next filling of the houses which will consist largely of spiraea and stocks for Memorial day, after which comes the huge chrysanthemum crop. A feature of the lilies is their splendid foliage, the whole length of the stem obtained by giving them plenty of room, for which purpose the pots are put further and further apart as they are being handled day by day, good pink plants and mignonette being ruthlessly thrown out to gain the extra space needed.

The son, Allen, is too well known in his capacity of city salesman to need more than passing notice. His customers have found that besides being a very pleasant man to deal with, his goods are always as represented and the price is right. And why not? It costs less to grow a good plant than a poor one.

But the work of the other son, Bert, is not so generally known. His mechanical and electrical achievements are almost marvelous, two or three of his ideas being patented. He knows every inch of the seven miles of piping on the place, because he put it in, bending the two and four-inch pipes in lots of places where others use elbows. The four big boilers are only toys to him. They formerly used all four, but the new eighty-five foot chimney makes one big fellow do it all, even in the coldest weather. His very latest, is the installment of an automatic pump that assists the return of water to the boiler immensely. By his own device if the night fireman neglects the temperature, a bell rings in his bedroom and by the same device he can call that functionary. By another device a call on their long distance telephone sounds a gong that can be heard half a mile. His stock of pipe fitters' tools is complete, his blacksmith shop and machine shop perfect, lathe and all, with a twenty-five horse power engine to run it, with other machines, including one for cleaning small pots as fast as two men can throw them at it.

There has been a little fear that the general lily crop for Boston would be a little too late for Easter but with the sure arrival of the crop of this establishment I think there will be no trouble.

J. S. Manter.

PITTSBURG.

The Pittsburg and Allegheny Florists' and Gardeners' Club is a pretty lively institution, and it has bright, pithy, well-attended meetings. It does not have set papers or essays because it reasons that its members are too busy men to prepare written papers; further, many of its best growers and cultivators are so unaccustomed to essay writing that the preparation of a paper would be such a burden as to scare them away from the meetings rather than induce them to attend them. But all come primed to tell what they know if they are asked to, see what is on hand, and find out all about what their neighbors have seen, heard and are doing. And there is an exhibition of cut flowers or plants at every meeting, and these subjects on the table are the foundation of the evening discussion, for every plant or bunch of flowers is taken up and commented on.

At the last meeting, Thursday evening, 14th inst., were a large bunch of splendid specimens of the White Golden Gate rose sent by the American Rose Co., Washington, D. C., and a bunch of the same variety that had been cut for a month before being shipped. Its fine fragrance was noted by all and its thick, substantial petals evidenced its excellent keeping qualities. It is an ivory-white form of the Golden Gate rose. David Fraser, gardener to Mr. H. C. Frick, finds that Golden Gate is the best growing rose he has, and his people like it better than any other variety. Now he will also grow the white one. Some very fine Brides and Bridesmaids were contributed by Mr. Fischer, a local grower. They were from three years' planted stock on benches. The top soil is removed each year and replaced with fresh earth. While this plan works admirably with Mr. Fischer, others preferred annual planting.

John N. May, Summit, N. J., sent a superb lot of Olympia carnations and of a beautiful bright pink seedling, No. 22, which has a pronounced clove fragrance. The Olympias were much admired and the president told that he had seen them growing at Summit ten days before that, in a triple span house, and what a grand sight they were for vigor, thrift, evenness and productiveness. But Mr. Randolph and others of the large decorators said that only a limited number of striped carnations could be used in Pittsburg, the people preferred self colors. Mr. Fischer showed a fine lot of the Lawson and praised its behavior warmly. It was thrifty, prolific and a good keeper and capital seller. But Mr. Clark remarked that in decorations its color required a full decoration of the same tint; in this respect it was unlike the Marquis, which could be used with most anything. In Pittsburg, however, so far, it has been impossible to get enough of either of these varieties from the local growers to supply the demand. Some other growers showed bunches of fine flowers. Several of the florists paid Fred Burki the compliment that his house of White Cloud was unsurpassed anywhere, east or west. Both Mr. Burki and Mr. Blind gave their impressions of the carnation meeting at Baltimore and the good things they saw there and about New York.

Talking of Harrisii lilies, James Murdoch said that he didn't have 10 per cent of diseased bulbs this year (Mr. M. has been in the Bermudas and had an eye to selecting for himself), but John Bader declared that he (John) didn't have 10 per cent of good ones. More than that, John urged, he had disease in the Bermuda longiflorums, and the Japan longiflorums showed such a mixture of types as to indicate that they had been grown from seed. Mr. Murdoch said that under favorable conditions Bermuda Harrisiis will bloom the first year from seed. Mr. Reineman declared there was a big fortune in it for the man who would go beyond the frost line and grow Harrisii lilies from seed or any way else he pleased if he could get them absolutely free from disease. "Yes, you bet there is," exclaimed John Bader, "and I'd pay him big money for his bulbs and glad to get them." Neil McCallum, of Wilmerding, but formerly of Australia, said that where he was at the antipodes they didn't have the lily disease, and asked if the bulbs couldn't be grown there for the American market, because of the reverse of seasons, or may be a thoroughly clean stock might be obtained from there for

cultivation and propagation in the northern hemisphere.

The president called attention to the disease of Narcissus Horsfieldii in Holland and the sad havoc it was playing among the bulbs of that variety. Mr. Price told that one of the nicest things he had this winter was a lot of Florentine irises. He grew them in pots all last summer, ripened them early and gave them a good rest. They had three to four big flowers to a stem, but the color of the blossoms was a little bluer than on flowers out of doors. Mr. Fraser spoke of having a fine lot of Iris Susianus in bloom in pots.

Eleven new members were proposed for election. P. A.

Cut flower trade since Lent came in has been rather quiet, except for funeral work, of which there is a good deal to do. The death of Hon. C. L. Magee made a demand for all white flowers to be had; very many extra large pieces were made, some being very handsome ones.

Blind & Hoffmeyer are cutting the best roses now; Burki the best carnations.

The Jones underfeed stoker which Burki had installed under one of his boilers this winter seems to do its work. Burki says he is pleased with it now.

Lord & Burnham Co. are getting out material for two iron houses, 28x400 each for the Pittsburg Rose Co., at Bakerstown station, of which Burki is at the head. They are to be planted with roses as soon as finished. Baer.

CHICAGO.

The Market.

Trade conditions are much the same as last week. Business is good on the average but demand is spasmodic and a good day is apt to be succeeded by a poor one. There is a trifle firmer tone on carnations, especially whites. The range is still $1.50 to $3, with $4 for fancy. Roses still range from $4 to $7, with the majority at $5 to $6. Violets and bulbous stuff are still dragging and as a rule have to be cleaned up at low figures. All are looking forward to a big Easter business.

The guessing as to the supply of lilies for Easter is still going on. It is evident now that there will be a shortage but no two are agreed as to how great a one.

Club Meeting.

At the last meeting of the Florists' Club, Mr. Benjamin Durfee, of the American Rose Co., Washington, D. C., displayed two large vases of fine blooms of his new rose, White Golden Gate. They were much admired and were examined with great interest by many rose growers present. A committee consisting of Messrs. E. Buettner, Geo. Collins and J. S. Wilson, was appointed to examine the blooms and report and they did so, recommending that the club's certificate of merit be awarded, which was done. They reported the rose as practically identical with Golden Gate except as to color.

Mr. Durfee favored the club with some remarks on roses, which will be found elsewhere in this issue. The paper by Mr. H. N. Bruns, with discussion by Mr. Aug. Jurgens and others, will also be found in another column of this issue.

The program of the next meeting, to be held April 5, includes two papers on "Hardy Herbaceous Flowers Suitable for the Cut Flower Market," one by G. Swenson and another by C. E. Hawkes.

Various Items.

The three Poehlmann brothers are together again. Adolph has closed his store at 55 Wabash avenue, and his stock is now being handled by his brothers, pending the completion of the organization of the Poehlmann Bros. Co., which is being incorporated with a paid up capital stock of $90,000. The new company will control both the big places at Morton Grove and will have over 200,000 square feet of glass to draw supplies from.

Wietor Bros. are cutting some fine Triumph carnations and have a big crop coming on. It has a fine, strong stem with them. They have had no trouble from stem rot.

Mr. C. M. Dickinson returned from the east Wednesday and Mr. C. L. Washburn is expected back from North Carolina next week.

George Piepgras has filed a petition in bankruptcy and his business is now in the hands of the courts.

Bassett & Washburn will soon build at Hinsdale a range of new houses containing 40,000 square feet of glass.

Last Tuesday the Grand Rapids train due here at 7 a. m. did not reach the city till 2 p. m. and as a result a lot of Michigan flowers reached the market very late that day.

Heim Bros. will this season add 25,000 square feet of glass to their range at Blue Island.

It is evident that the building of new greenhouses has not yet been checked by the prevailing high prices of glass. During the last ten days the John C. Moninger Co., this city, has received orders for cypress material for new houses that will require a total of 224,200 square feet of glass to cover them, and this is in addition to many other large orders.

MADISON, N. J.

Wednesday, March 13, was carnation night with the Morris County Gardeners' and Florists' Club and some magnificent flowers were staged. C. W. Ward, Cottage Gardens, Queens, had on exhibition a large collection including Roosevelt, Harry Fenn, Morning Glory, Joseph Manley, a fine scarlet, Golden Beauty, Marquis, Viola Allen and Novelty. These flowers traveled in fine condition and the entire collection was deservedly awarded a certificate of merit.

J. L. Dillon sent a fine lot of Queen Louise. This variety also arrived in excellent condition and was much admired. Peter Fisher sent a large vase of his matchless Lawson. It is needless to praise this exhibit for everybody knows the quality of Fisher's Lawsons. John N. May exhibited Olympia in good shape and seedlings No. 2972 and 2209. One of these seedlings, but I forgot which, is a lovely shade of true pink, the other a very large white.

Of the local lights W. Duckham staged vases of Glacier, White Cloud, Bradt and mixed varieties, all of which were excellent. A. Herrington exhibited Lawson, Olympia, Crane and Marquis, all very fine, Lawson particularly so. D. Shannon had a vase of immense Bridesmaid roses with three foot stems, and W. Charlton a mixed vase of roses, Brides and Maids.

John N. May was the essayist for the evening. He gave an informal talk on carnations as seen at Baltimore and elsewhere and reiterated the statement that it didn't pay to grow any but the very finest flowers, mentioning where he had seen Scott's sold for $5 a thousand during the past week. In his opinion mulching the beds at this season was the cause of the flowers splitting their calyxes. A hearty vote of thanks was accorded the lecturer for his address and also the gentlemen who had been good enough to send their flowers for the club's inspection, notably Messrs. Ward, Dillon, Fisher and May. C.

HARTFORD, CONN.

The annual meeting of the Florists' Club was held March 12 and officers for the ensuing year were chosen as follows: T. J. McRonald, president; W. W. Hunt, vice president; J. F. Coombs, secretary; Theodore Wirth, treasurer. The board of trustees elected include the above named officers, also George Osborn, John Coombs, and J. F. Huss.

After the business meeting there was consideration of the subject of carnations and other flowers. George S. Osborn showed several varieties of carnations, which included Marquis, Bradt, Lawson and Red Bradt. Some of the blossoms measured from three to three and one-fourth inches. Mr. Osborn gave an interesting talk as to the best growers, the best sellers and the most profitable to grow. Mr. Huss talked on orchids and other flowers.

At the close of the meeting a vote of thanks was extended to the entertainment committee, also to Messrs. Huss and Osborn. There is some talk among the members of forming a bowling team.

AMERICAN ROSE SOCIETY.

The second annual exhibition of the American Rose Society was held in New York, Tuesday, Wednesday and Thursday, of this week. A full report, together with views of the display, will appear in our special spring number, to be issued next week.

Flower Holder.—Simon Weiler, of New York city, has patented a flower holder that can be attached to any part of the dress to hold a bunch of flowers in any desired position. The holder comprises a bar having a fastening device by which it is secured to the dress. A pin on the bar extends approximately parallel to and in the direction of the length of the bar to receive the stems of a bunch of flowers. Ribbons on the bar can be passed in front of the stems and tied in a bow.

Oakland, Md.—H. Weber & Sons contemplate adding 10,000 feet of new glass next summer.

Dixon, Ill.—The greenhouse of Christian Wuhl was destroyed by fire March 5.

Don't miss having an adv. in our special spring number to be issued next week, if you have anything to sell to the trade.

CATALOGUES RECEIVED.

S. T. Danley, Macomb, Ill., wholesale price list of rooted cuttings and pot plants; E. H. Hunt, 76 Wabash Ave., Chicago, preliminary list of seeds and bulbs; F. Dorner & Sons Co., La Fayette, Ind., descriptive price list of new and standard carnations; Theo. Bock, Hamilton, Ohio, list of choice chrysanthemums for spring of 1901; Clarke Bros., Portland, Oregon, descriptive rose list; S. E. Hall, Cherry Valley, Ill., illustrated price list of nursery stock; E. H. Riehl, No. Alton, Ill., new varieties of fruit and ornamental plants; Barch & Hunter, London, Ont., seeds, plants, bulbs, etc.; John Charlton & Sons, Rochester, N. Y., list of hardy plants; Graham Bros., Ottawa, Ont., catalogue of high grade seeds, plants, bulbs, etc.; Geo. B. Moulder, Smith's Grove, Ky., catalogue of choice water lilies; F. H. Horsford, Charlotte, Vt., catalogue of wild flowers, ferns, trees, etc.; T. R. Watson, Plymouth, Mass., price list of hardy stock; R. & J. Farquhar & Co., 6 and 7 So. Market St., Boston, Mass., price list of seeds, bulbs and plants for florists; R. Vincent, Jr., & Son., White Marsh, Md., price list of vegetable and other plants; A. B. Davis & Son, Purcellville, Va., illustrated catalogue of roses, plants and bulbs; Hoopes Bro. & Thomas, West Chester, Pa., a nicely illustrated, descriptive catalogue of ornamental trees and shrubs.

Rock Island, Ill.—Ludwig Stapp has arranged to put up 9,000 square feet of new glass at an early date.

Springfield, Ill.—Bell Miller will soon erect a range of houses containing 18,000 square feet of glass.

Gibson City, Ill.—Swan Peterson will soon erect 40,000 square feet of new glass.

You will miss it if you do not have an adv. in the Review's special spring number, to be issued next week.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plain advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Some extra good second hand 34inch pipe at 6c per foot; also some 4-inch; guaranteed sound. W. H Salter, Rochester, N. Y.

SITUATION WANTED—By first-class grower of roses, carnations, violets and mums. Address Illinois, care Florists' Review.

WANTED—A good, all-round florist; carnations a specialty; capable to take full charge; state wages expected; single man preferred. Address W. A. Rowlands, 183 Genesee Street, Utica, N. Y.

WANTED—At once a man to work in greenhouse where a retail business is done. Must be a good worker, sober and agreeable and one who will board in the family. State wages and give references in first letter. H. S. Baker, Warsaw, N. Y.

WANTED—A good all-round florist, must be sober and industrious, a good grower and designer. Wages $5.00 a week with room and board. Don't answer unless you can come at once. S. Wachenheim, Vicksburg, Miss.

FOR SALE—Greenhouses—3500 feet of glass, room for 5000 more. Windmill, large tank, 2 lots, brick cottage—5 rooms, barn. City 30,000 population, 60 miles to Chicago. Splendid location for florist business. Address 2006 N. Chatham Street, Racine, Wis.

FOR SALE—Fine greenhouse property in Southern Wisconsin. 15,000 population. 5500 feet of glass. 6 minutes' walk from post office; street cars pass the door; residence connected with office; doing a splendid business. For particulars, address R, care Florists' Review.

POSITION WANTED—This spring, near Boston, by an up-to-date grower, as working foreman, on a good clean place; strictly temperate; have had large experience with roses and carnations; good wages required; married; age 36; one child. Give full particulars to "Englishman," care Florists' Review.

WANTED—A good, bright lad, 18 or 19, that has had experience in flower store. Answer, with reference, K. C., care of Florists' Review.

SITUATION WANTED—As working foreman by good grower of cut flowers and general stock; German, age 32, single; life experience; best references; state particulars. Address florist, 10th St and 1st Ave., Williamsbridge, New York City.

WANTED—I want a good boy, 16 or 17 years of age, to learn the trade, or one who has had a little experience in the business. Address W. N. Drake, 505 Chicago Street, Kenosha, Wis.

FOR SALE—Or to let for a term of years the Mountain Villa Conservatories, containing about 4000 ft. of glass well stocked. Address Box 254, Sharon, Mass.

WANTED—Florist to take charge of 10,000 feet of glass where carnations and violets are grown. Wages on shares. Single man preferred. Eliza R. Whitson, Atglen, Pa.

WANTED—Young man who understands roses and carnations to take charge of a range of houses. Must be one who takes an interest in his work. Write Geo. A. Kuhl, Pekin, Ill.

WANTED—Two good rose growers. Apply to Peter Lamberg, 31 Wabash Ave., Chicago.

SITUATION WANTED—By a first-class grower of roses, carnations, violets and general stock; single; competent to take charge. Address C. A. L., 309 South Laurel St., Richmond, Va.

SITUATION WANTED—By good all-round florist, 15 have had 5 years' experience in general stock. Not afraid of work. Nationality, English; age 35. Address Box 458, Lexington, Mass.

WANTED—Florist; working foreman; roses, carnations, mums, etc.; must be good manager, capable of handling men; be able to furnish very best references from former employ or as to ability, etc.; only first-class man need apply; moderate size place in Phila.; good wages with tenant house. Address Phila. care Florists' Review.

SITUATION WANTED—As a good all 'round florist growing roses, carnations, etc.; capable of taking full charge; single; 24 years' experience. Address N, care Florists' Review.

SITUATION WANTED—By thoroughly experienced cut flower grower; 14 years in this county; single; references. Address K, care Florists' Review.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

WANTED.

Man to take charge of store, in western city. Must understand both retail and wholesale trade, and be a good maker up and decorator. A good, permanent place for the right man. Don't apply unless you have first-class references as to reliability and trustworthiness.

Address I. O. A., care Florists' Review.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and growing business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.00; special price on large lots. Can ship any time.

DAVIS BROS., - - - MORRISON, ILL.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Last Call

for Advs. for our Special Spring Number.

Copy must reach us by the morning of Wednesday, MARCH 27th, at the very latest to be in time.

PAN-AMERICAN EXPOSITION.

Buffalo, N. Y., May 1-Nov. 1, 1901.

The Wabash, the "Niagara Falls Short Line," has made special arrangements to accommodate a large travel between Chicago and Buffalo during the Exposition. New equipment and additional train service will be provided. The Wabash is the only line operating Free Reclining Chair Cars between Chicago and Buffalo. Tickets will be good for stop over at Niagara Falls.

Write for a copy of Wabash Pan-American Folder containing a large five-color map of the Exposition grounds and handsome zinc etchings of the principal buildings. Ticket Office, 97 Adams St. F. A. Palmer, A. G. P. A., Chicago.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3 00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

ROSES from 5-in. pots, at 9c; fine clean plants. Clothilde Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Coquette des Alpes, Malmaison, etc. Large flowered **Clematis,** finest purple, white and lavender sorts, extra strong, 2-year, 9c; fine 2-year, dormant or from 5-in. pots, 8c; fine 1 year at very moderate prices. **Clematis Paniculata,** strong dormant plants, 8c; from 5-in. pots, 10c. **Paonies,** strong roots, best red sorts, 5c. Also several thousand Houghton and Smith Imp. **Gooseberry,** 1 year, branched and rooted layers, fine for mail trade, at $5.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

Caladium Esculentum

1st size, 6 to 9 in. in circ., $2.00 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small Roots or Sets, 50c per 100. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

LOOK on page 501, Florists' Review, Issue of March 14, 1901,

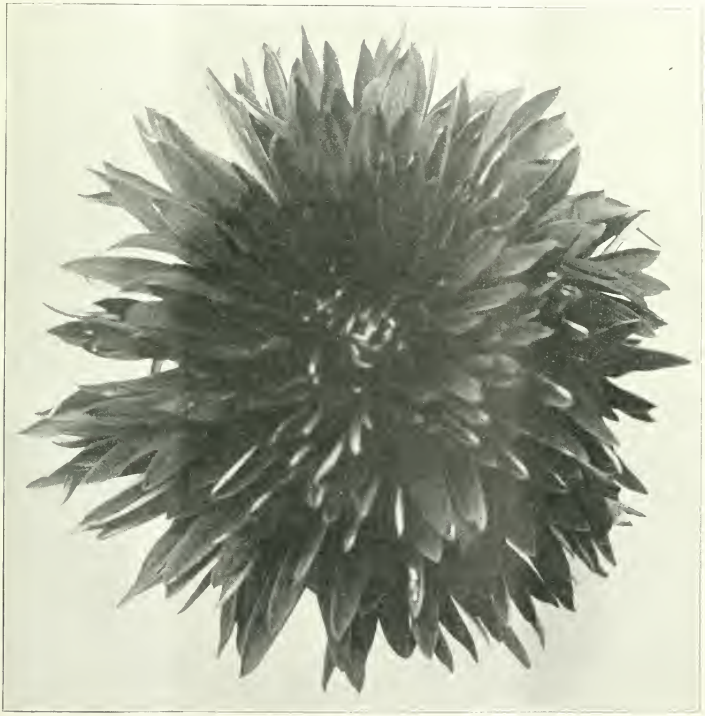
IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

Malcolm Lamond

THE RED CHRYSANTHEMUM THAT DOES NOT BURN.



It grows 2½ feet high and is perfectly self-supporting; beautiful foliage, a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's Certificate and was awarded 91 points by the Philadelphia committee.

Price 35c each; $3.50 per doz.; $25.00 per 100.

JAMES NIVEN,

Thermal Vale Nursery, OAKLAND, CAL.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

A German Botanist has been examining the flowers of Europe with a view to discovering what proportion of them give out a pleasant odor, and what effect color has on this point. He found that only 429 out of 4,300 kinds of flowers have a pleasant odor, nearly all the others being offensive.

Gibson City, Ill.—The Swan Peterson Floral Company has completed its organization and has elected officers as follows: W. H. Simms, president; F. O. Culter, vice president; E. Mattinson, treasurer; Swan Peterson, secretary and general manager.

Erie. Please remember that we cannot give any consideration to anonymous communications. While we print contributions over initials only we must know the correct name and address of the writers.

Kansas City, Mo.—J. G. Peppard is having plans prepared for a large seed warehouse to be built at the corner of Hopkins and Henning streets. It will be three stories high and long enough to afford switching room for fifteen cars.

Last call for advs. for our special spring number, to be issued next week. Copy must reach us by the morning of Wednesday, March 27, at the very latest to be in time.

The title page of the Review's special spring number, to be issued next week, will be a beauty, and you will not need a diagram to understand it.

Milwaukee, Wis.—Several have decided to build soon. Edward A. Austin will put up 8,500 square feet of glass, William Getzein will erect 4,500 feet and C. H. Klevenow 7,500 feet.

Waynesboro, Pa.—Henry Eichholz will soon add 4,500 square feet of new glass.

St. Paul, Minn.—W. J. McWhinney will soon erect 5,400 square feet of glass.

Austin, Minn.—A. N. Kinsman & Co. will soon add 7,500 square feet of new glass.

Belvidere, Ill.—B. Eldridge will soon put up 8,000 square feet of glass and J. W. Lyons & Co. will erect 5,400 feet.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue. CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

POEHLMANN BROS.
Wholesale Growers of and Dealers in
CUT FLOWERS,
51 WABASH AVENUE, CHICAGO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write.

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

SEND FOR OUR 1901 CATALOGUE.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

WEILAND & RISCH
can save you
money on

Cut Flowers

We are extensive growers and have unsurpassed shipping facilities.

WRITE OR TELEGRAPH.

59 Wabash Avenue,
CHICAGO.

Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

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Cut This Out and Save It,

then when you need anything in my line you will know where to get the best and save money by sending order by mail or telegraph to.....

E. H. HITCHCOCK

Wholesale Dealer in

CUT FERNS, GALAX LEAVES, GROUND PINE, EVERGREEN SHEET MOSS from Northern or Southern stock as desired.

SPHAGNUM MOSS put up to suit you.

Pine Needle Soil, Leaf Mould, etc.

Office & Cold Storage Warehouse at.... Glenwood, Mich.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Kennicott Bros. Co.

WHOLESALE
COMMISSION FLORISTS,

42 and 44 E. Randolph St., CHICAGO.

WHOLESALE PRICE LIST.

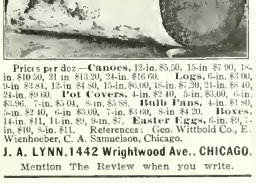
Best Brides and Maids	$5.00 to	$6.00 per 100	
Good " "	4.00 to	5.00	"
Perles	3.00 to	5.00	"
Meteors	5.00 to	6.00	"
Roses, our selection		3.00	"
American Beauties—			
Long	3.50 to	5.00 per doz.	
Medium	2.00 to	3.00	"
Short	1.00 to	1.50	"
Callas and Harrisii	1.25 to	1.50	"

Carnations, fancy	$3.00 to	$4.00 per 100	
" fine	1.50 to	2.00	"
" our selection		1.25	"
Smilax	1.50 to	2.00 per doz.	
Ferns, Adiantum		1.00 per 100	
" Common		2.00 per 1000	
Galax Leaves		1.00	"
Lily of the Valley	2.00 to	4.00 per 100	
Roman Hyacinths		3.00	"
Violets	.40 to	1.00	"
Paper White	2.00 to	3.00	"
Asparagus		60c per string	
Leucothoe Sprays		1.00 per 100	
Tulips	$2.00 to	$3.00 per 100	
Daffodils	2.00 to	3.00	"
Freesia		3.00	"

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

Mention The Review when you write.

Silver Birch Bark Ware.



Prices per doz.—**Canoes**, 12-in. $5.50, 15-in. $7.90, 18-in. $10.00, 21-in. $13.20, 24-in. $16.60. **Logs**, 6-in. $3.00, 9-in. $3.84, 12-in. $4.80, 15-in. $6.00, 18-in. $7.20, 21-in. $8.40, 24-in. $9.60. **Pot Covers**, 4-in. $2.40, 5-in. $3.00, 6-in. $3.96, 7-in. $5.04, 8-in. $5.88. **Bulb Pans**, 4-in. $1.80, 5-in. $2.40, 6-in. $3.00, 7-in. $3.60, 8-in. $4.20. **Boxes**, 14-in. $11, 14-in. 8½, 9-in. $7. **Easter Eggs**, 6-in. 8½; 8-in. $10, 8-in. $11. References: Geo. Wittbold Co., E. Wienhoeber, C. A. Samuelson, Chicago.

J. A. LYNN, 1442 Wrightwood Ave., CHICAGO.

Mention The Review when you write.

Flowering Plants.

		Per 100
Ageratum Princess Pauline	2-in.,	$2.00
White Paris Daisy	"	2.00
Geranium, Double Red	"	2.00
Heliotrope	"	2.00
Abutilon, Trailing	"	3.00
Tradescantia, several sorts	"	2.00
Alyssum, Double Giant	"	2.00

Over 100,000 Herbaceous Plants.

CASH PLEASE.

EDWARD B. JACKSON,

STAMFORD, CONN.

Mention The Review when you write.

ROSES.

We believe in shifting young roses often. All stock offered in 2½-inch pots has been shifted from 2-in., and is equal to most stock advertised as 3-in., and when we send it out is well established. Let us know your wants. 2 and 2½-in. stock is fine. Varieties grown: Meteors, Brides, Maids, Perles, La France, A. V. Kaiserin, Wootton, Belle Seibrecht, Pres. Carnot, Golden Gate, American Beauties, Liberty.

CARNATIONS. R. C. and 3-in., Bradt, Crocker, Joost and McGowan.

R. C. Coleus. Mixed Verschaffeltii, Golden Bedder, Yellow Queen, etc., etc.

English Ivy, 2½, 3 and 4-in. pots, fine.

GERANIUMS. Red, White, Pink, in 3-in.

SPECIAL IN WOOTTON ROSES. If you are interested in having a fine lot of Roses for summer, order our 2½-in. stock ready to put in beds.

A few thousand Sprengeri ready for 2-inch pots.

BOSTON FERNS.

Do you want to make some money for Easter? Then write Geo. A. Kuhl, Pekin, Ill., about those 4, 5, 6 and 7-in. Bostons he has. They are ready for a shift and will make you money as well as a fine display at Easter time.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

PANSIES and VERBENAS.

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—Grant, Red Bruant, Pink and La Favorite, 2½-in., $2.00 per 100. Heliotrope, mixed, and Dwarf Lobelia, rooted, $1.00 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

SAMUEL S. PENNOCK. Wholesale Florist

Open from 7:00 A. M. to 9:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

New Haven, Conn. The copartnership known as the Elm City Nursery Co., Messrs. C. P. Lines and Ernest F. Coe, proprietors, has been incorporated and will be known in the future as The Elm City Nursery Co., capital $15,000, paid in. President and treasurer, Ernest F. Coe; secretary and manager, H. E. Turner. The new company is the outgrowth of the business started some forty years ago by Mr. C. P. Lines, the veteran nurseryman. He devoted himself for a number of years to the propagation of grape vines, later adding other hardy trees and shrubs until a general line of nursery stock could be had at his salesground on Beers street.

About ten years ago Mr. Ernest F. Coe was admitted to the business which was known as Messrs. C. P. Lines & Co., and later Elm City Nursery Co. By strict attention to business their trade grew so rapidly that in 1896 it was thought advisable to purchase a tract of land on Edgewood avenue, Westville. As is now generally known they have gathered here one of the most extensive stocks of fruit and ornamental trees, shrubs, evergreens, roses, etc., to be found in New England. The secretary of the newly incorporated company, H. E. Turner, has been with the old firm a number of years.

Albert Lea, Minn.—P. Clausen & Son have purchased material for two new houses to be erected this spring. One, 20x125, is for carnations, and the other, 14x45, is for palms. They have also purchased a 50 H. P. boiler that will be installed when the new houses are finished. They will then have a total of 11,500 square feet of glass.

Lowell, Mass.—Otto H. Bourdy has leased the greenhouses formerly conducted by Paul R. Burtt and Mr. Burtt has bought a larger place nearer the center of the city.

Lewiston, Ill.—The boiler at the greenhouses of William Jones broke down last week and before repairs could be made serious damage to his stock had been done.

Holyoke, Mass.—Edward H. Howland, the florist, was married March 13, the bride being Miss Nellie M. Wilder of Conway. The happy pair are now on their wedding trip, during which they will visit New York and Washington.

Minneapolis, Minn.—William Donaldson & Co. have decided to erect a range of glass containing 30,000 square feet at an early date.

Forest City, Ia.—Albert Stitz, of Arlington Heights, Ill., will soon build greenhouses here containing 5,000 square feet of glass.

Cleveland, O.—A. Schmitt of Glenville will this spring add 3,500 feet of new glass.

St. Louis, Mo.—J. C. Brohan will soon put up 2,400 square feet of glass.

BALL'S PALMS, ETC.

ARECA LUTESCENS. 2½-inch pots $3.00 per 100. Made up plants, 6-inch pots, 50c and 75c each; 8-inch pots, $1.50 each.
KENTIA BELMOREANA. 2½-inch pots, 3 to 4 leaves, $12.00 per 100; 3-inch, 4 to 6 leaves, 15c, 20c and 25c each (very strong); 4-inch, 5 to 6 leaves, 35c, 40c and 50c each (very strong); 5-inch, 75c each; 6-inch, 6 to 8 leaves, $1.00 and $1.25 each; 8-inch, $2.00 each.
LATANIA BORBONICA. 2½-inch pots, $4.00 per 100; 6-inch, 50c and 75c each; 8-inch, $1.50 each. Strong and stocky.
LIVISTONA ROTUNDIFOLIA. 4-inch, 35c each.
PANDANUS VEITCHII. 6-inch, $1.0 each.
PANDANUS UTILIS. 6-inch, 50c each.

PRICE LISTS. CHAS. D. BALL, Holmesburg, Phila., Pa.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

NOVELTIES

OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1900 varieties. This year's leader is our new dwarf "Little Pink." No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. "Clyde" is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's New Carnations, also standard sorts.

Send for our descriptive price list, which also tells you something of the best Garden Wheel Hoe on earth. W. E. HALL, CLYDE, O.

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Mention The Review when you write.

Burpee's Seeds Grow

PANSIES WORTH RAISING.

Again I can furnish, for immediate delivery, about

10,000 Good Pansy Plants,

Price, $4.00 per 1000, f. o. b. express here. Cash with order.

CHRISTIAN SOLTAU, 199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000. 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100, $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write S. D. BRANT, Clay Center, Kans.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR

BRONZE CALAX LEAVES,

Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

Variegated Vinca,

Transplanted plants from flats, by mail, prepaid, $1.50 per 100.

Primula Veris and Aquilegia Chrysantha, 2½-in., $2.00 per 100.

For Spring Delivery—Hardy Herbaceous Plants, strong, field-grown, as follows: Aquilegia, single and double mixed, Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilla Paniculata, $5.00 per 100. Cash with order, please.

CHARLES S. DUTTON, 55 W. 12th St., Holland, Mich.

Mention The Review when you write.

WE WILL HAVE AN EXTRA FINE LOT OF

Cut Flowers for Easter

OUR YOUNG ROSE AND CHRYSANTHEMUM STOCK NEVER WAS IN BETTER SHAPE. WRITE US FOR ANYTHING IN THIS LINE. WE HAVE THE STOCK AND WILL BE PLEASED TO SERVE YOU.

POEHLMANN BROS., 51 Wabash Ave., CHICAGO.

Grafted Roses.

LIBERTY,
$18.00 per hundred.

MAIDS,
BRIDES,
GOLDEN GATES,
$12.00 per hundred.
$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

J. L. DILLON, - BLOOMSBURG, PA.

New Roses

THE BALTIMORE (Certificated), color a light pink and of the largest size, flowers throughout the entire season. **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street, BALTIMORE, MD.

Willowdale Nurseries.

We offer for the spring trade a full assortment of **Fruit Trees, Small Fruits, Shade Trees, Evergreens, Shrubbery and Hedge Plants.** A large stock of **Kieffer Pear** and **York Imperial Apple,** first class and medium.

Norway Spruce, American Arbor-vitæ, Hemlock Spruce, Osage Orange and **California Privet for Hedges. 100,000 Peach Trees.**

RAKESTRAW & PYLE, Kennett Square, Pa.

Mention The Review when you write.

FOR SALE.

1000 3-in. Tomato Plants in bud, Beauty, Lorillard and Sutton's Best-of-all. Extra fine, strong plants, per 100, $2.00. Dwarf, Champion, Mayflower, Sutton's, Beauty, from flats, 15c per 100; $1.25 per 1000. Lorillard, transplanted, 50c per 100. **Lettuce**—Silver Ball, 15c per 100; $1.00 per 1000. 200 2-in. **Cineraria,** finest strain, strong plants, $2.50 per 100. 2-in. **Smilax,** $1.00 per 100.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

Mention The Review when you write.

100,000 Pansies

THAT ARE PANSIES.

The seed was grown for our own use but we have too many. They are strong cold frame plants, grown in Colorado's sunny climate.

Select stock at $4.00 per 1000 from seed frame.

Also **Verbenas** out of 2-inch pots at $2.00 per 100.

Ethel Crocker Carnation Plants out of 2-inch pots, $2.00 per 100.

Frances Joost, out of 2-inch pots, per 100, $2.00.

Golden Glow or Rudbeckia, out of 2-inch pots, per 100, $2.00.

Cash please.

THOS. CHAPMAN,
801 6th Ave., West, DENVER, Colo.

Fine Lot of **ASTILBE** "Multiflora Compacta,"

Showing color, in 6-in. pots, $3.00 per doz. **Just Right for Easter.**

LATANIA BORBONICA, nice clean stock, full character leaves, 4-inch pots, $15.00 per 100; $2.00 per doz. **Latania Borbonica,** 5-inch pots, full character leaves, $50.00 per 100; $4.00 per doz. 6-inch pots, fine plants, from $40.00 to $75.00 per 100; same rate by the doz.

ROOTED CUTTINGS OF COLEUS.

GOLDEN BEDDER, VERSCHAFFELTII, and 12 other selected varieties of the best sorts, 60c per 100; $5.00 per 1000. Cash with order, please.

CRITCHELL'S, STATION I, CINCINNATI, OHIO.

Last Call for Advs. for our Special Spring Number

Copy must reach us by the morning of Wednesday, MARCH 27th, at the very latest to be in time.

Nephrolepis Wittboldii

A Fern you cannot afford to be without. Fine plants, ready for 3 and 4-inch pots,

$1 each, $10 per doz., $75 per 100.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention The Review when you write.

SWEET PEA EXHIBITION.

A special exhibition of sweet peas will be held at the Pan-American Exposition, Buffalo, July 23 to August 2. The classification will be as follows:

Class 1—25 sprays of pure white.
Class 2—25 sprays of yellow or primrose.
Class 3—25 sprays of blush or light pink.
Class 4—25 sprays of rose or deep pink.
Class 5—25 sprays of orange or salmon.
Class 6—25 sprays of mauve or lavender.
Class 7—25 sprays of red or scarlet.
Class 8—25 sprays of maroon.
Class 9—25 sprays of blue.
Class 10—25 sprays of contrasting shades.
Class 11—25 sprays of light stripes or blends.
Class 12—25 sprays of dark stripes or blends.
Class 13—Collection of 30 vases named varieties; 25 sprays each, not to include introductions of 1901.
Class 14—Collection of 12 vases, same conditions as class 13.
Class 15—Collection of novelties; introduction of current year; 10 sprays each variety.
Class 16—Group of 6 distinct varieties; 25 sprays each, in three colors; pure white, light pink, and lavender.
Class 17—Group of 6 distinct varieties; 25 sprays each, in three colors; red or scarlet, deep pink, and orange.
Class 18—Group of 6 distinct varieties; 25 sprays of each, in three colors; yellow or primrose, blue or maroon, and striped or variegated.
Class 19—Bouquet not to exceed 200 sprays; quality of flowers, harmony of colors, and taste in arrangement to govern.
Class 20—General display; 25 sprays of each variety.

Entries must be received by superintendent not later than Saturday, July 20th.

Exhibits must be in place not later than noon of the opening day.

Any exhibit in one class will not be considered as competing for award in other classes.

The lowest award will be a diploma; the next a bronze medal; the next a silver medal, and the highest a gold medal.

Within a few days we will have in pamphlet form a schedule of all the flower exhibits to be held during the summer, which will be sent widely to the several specialists of the country and will be gladly supplied on application.

This list is subject to slight changes.

Huntsville, Ala.—W. F. Heikes, manager of the Huntsville Wholesale Nurseries, will be in St. Louis during March and April to distribute stock shipped to cold storage there. Mr. Heikes was the first to make use of cold storage for nursery stock, and this is his 21st year in shipping to St Louis for distribution.

Haverhill, Mass.—C. H. Kaulback is building two new houses and will put in new boilers. Frank Poore has sold his retail store to Chas. McLaughlin. His greenhouses have not been in service this winter, and it has not been decided what disposition will be made of them. Lace Bros. are planning to build two houses soon.

Cleveland, O.—The Home Gardening Association is preparing to make its annual distribution of seeds among school children. The commoner flower seeds are given the children at the rate of one cent a packet. Last season nearly 50,000 packets were distributed.

Los Angeles, Cal.—C. B. Kelly, the nurseryman, was badly burned Feb. 14 as the result of the explosion of a lamp. He was taken to the hospital, and while his burns are not considered dangerous he will be unable to attend to business for some time.

Bargains in... PALMS

A few thousand to clear for cash AT RED LETTER PRICES UNTIL SOLD.

LATANIA BORBONICA, from 3-inch pots, **$30.00** per thousand.
" " from 4-inch pots, **80.00** "
KENTIA BELMOREANA, from 2½-inch pots, **50.00** "
KENTIA FORSTERIANA, from 3½-inch pots, **12.50** per hundred.

All ready for shift to larger pots. 250 at thousand rates.

THE HARMS' PARK FLORAL CO.

Berteau Ave. near Western Ave., CHICAGO.

Mention The Review when you write.

AMERICAN BEAUTIES

Strong Plants from 2x3-in. pots, ready for a shift,

$6.00 per 100, $50.00 per 1000.

The **BEST** lot of plants I have ever offered.

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots; is the kind of stock we send out of the following superb varieties:—Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties X X strong, 2½-in., $2.50 per 100. Rose Geraniums, 2½-inch, $2.50 per 100.

VERBENAS SPECIAL, 20th Century Collection New Mammoth, 25 grand varieties, 2-in. and 2¾-in., fine cut, healthy plants, grass as grass, full of cuttings, $1.50 per 100; $12.50 per 1000.

COLEUS, Golden Bedder and Verschaffeltii, strong rooted cuttings, free from mealy bug, 75c per 100; $7.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cuttings, $1.50 per 100. Louise Bonnaffon, latest novelty in white, and Princess Pauline, latest blue, strong 2½ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Lantanas, 5-in. pots, 1 plant to ont, 2 to 2½ ft. in height and diameter, 8 and 9 leaves, $12.00 per doz. Latanias, 5-in. pots, 1 plant to pot, 2½ to 3 ft. height and diameter, 9 to 10 leaves, $15.00 per doz. Latanias, 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. height and diameter, 12 to 14 leaves, $24.00 per doz. Kentia, 6-in. pots, 1 plant to pot, 3½ ft. in height, $18.00 per doz. Areca, 8-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $3.00 per plant.

J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia.

Mention The Review when you write.

CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.
Alternanthera, red and yellow, 60c per 100; $5.00 per 1000.
Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet, white, 60c per 100; $5.00 per 1000.
Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000.
Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.
Verbena plants, s ong, full of cuttings, fine as silk, $2.00 per 100, $18.00 per 1000.
Heliotrope, 2½-in. strong, fine plants, $2.00 per 100; $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. THAT CASH, PLEASE.

C. HUMFELD, - Clay Center, Kansas.

Mention The Review when you write.

Antirrhinum Black Prince.

Introduced from Germany last year.

Finest snap-dragon in cultivation. Grows 2½ feet, very large spike, color a very dark crimson, giving the lustrous effect of red velvet. Fine for cut flowers and will become a standard bedding plant when known. Stock limited. Orders filled to rotation. **$1 00** per doz. Cash, postpaid.

F. W. FLETCHER & CO.,
AUBURNDALE, MASS.

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred $90.00 per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

Mention The Review when you write.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting, 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

BRUSSEL'S SPROUTS.—25 cts. per 100.

CAULIFLOWER.—25 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

GERANIUMS.

	Per 100
16 best varieties, 2½ in. pots, mix.	**$2.50**
Alternanthera, yellow, **$1.75**; red	2.00
Colens Mix, 15 varieties, 2-in. pot	2.00
Oxalis Floribunda, 2-in. pot	2.00
Ageratums, blue, 2-in. pot	2.00
Asparagus Sprengeri, 2-in. pot	2.00
Verbenas, 16 varieties, 2-in. pot	2.00
1000 Pansy Plants	1.50

CASH PLEASE.

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

Carlson's IMPROVED PEONY FLOWERED ASTER

Carlson s Improved Aster is the largest of the form known, reaching 4 to 5 inches in diameter, determined by richness of soil and method of pruning. To close out my small stock left I will sell one ounce each of White, Pink and Dark Lavender for only **$2.50.** Large Trade Packet for only **50c.** Common Packet for only **10c.**

Order at once if you wish to obtain a share for at these low prices the small stock left will soon be gone. If seeds are all ordered will promptly return money. This ad. will not appear again.

Washington Heights Station, Chicago, Ill. D. S. HEFFRON.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

JOHN WELSH YOUNG,

Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R.

Mention The Review when you write.

AZALEA MOLLIS.

Mention The Review when you write.

AZALEAS FOR .....EASTER

Standard Varieties in Prime Condition for EASTER FLOWERING.

Place your orders now while the plants can be shipped without danger of a check to flowering.

	Doz.	100
Fine bushy crowns, 5-in. pots, 10 to 12-in. diameter	$ 5.00	$40.00
Fine bushy crowns, 5 and 6-in. pots, 12 to 14-in. diameter	6.00	50.00
Fine bushy crowns, 6 and 7-in. pots, 13 to 15-in. diameter	9.00	70.00
Fine bushy crowns, 7-in. pots, 16 to 18-in. diameter	15.00	110.00

Also a grand lot of specimen plants of Mme. Van der Cruysen, of exceptionally good value at $1.50, $2.00, $2.50, $3.00 and $5.00 each.

HENRY A. DREER,

714 Chestnut St., PHILADELPHIA.

Mention The Review when you write.

THE NEW CANNA Golden Age

THIS CANNA originated on my grounds in Ocean City from seed dropped from the Florence Vaughan. The bloom is a rich golden yellow, free from spots or stripes, has five broad, full petals, which gives it the shape of a lily, is fully as large as the Italia, grows about four feet high and is a vigorous grower. The foliage is a bright green. It is a canna of the orchid type, but stands the wind and hot sun fully as well as a Crozy. For hardiness and beauty it cannot be excelled by any canna in cultivation. The first root was sold to P. S. McDonald of Philadelphia, for $2.00 his own offer, while he stood looking at them in bloom last summer. We have but a few hundred roots, and anyone who desires to get into the stock of this lovely canna had better not wait. It is the only yellow canna in existence without spots.

Strong roots that will grow (two eyes), **50c each; $5.00 per doz.** Expressage prepaid.

G. P. MOORE, Ocean City, N. J.

Mention The Review when you write.

LAST CALL FOR ADVS. FOR OUR Special Spring Number.

Copy must reach us by the morning of WEDNESDAY, MARCH 27th, at the very latest to be in time.

Watch for our ad. of Spring Bargains in issue of **March 28th.**

H. H. BERGER & CO., 47 Barclay St., Established 1848. NEW YORK CITY.

J. AUSTIN SHAW,

271 Broadway, NEW YORK, Special Agent for

BAILEY'S "CYCLOPEDIA."

Three Volumes Now Ready.

Pay **$2.00** monthly if you prefer. Express prepaid. Write for particulars and sample pages.

Mention The Review when you write.

CARNATIONS. Extra Strong R. C. per 100.

Lawson, $4.00; Jubilee, $1.25, Crane, $2.00, Bradt, $1.50; Hill, Scott and Eldorado, each $2.00; per 1000, $8.00.

H. ERNST & SON, WASHINGTON, MO.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG, Publisher, Buffalo.

THE REGAN ...PRINTING HOUSE...

Nursery.....Seed.....Florists'.....**Catalogues**

87-91 Plymouth Place, Chicago.

Mention The Review when you write.

KALAMAZOO, MICH.

Various Items.

During the last week trade and prices have dropped considerably although it is still fair. I suppose it is owing to the Lenten season. Stock is good and in fair quantity. The brethren are putting in their best licks to make a good Easter and from present appearances are likely to succeed.

The Kalamazoo Nursery & Floral Company held their first annual meeting recently, and report a prosperous year, with a bright outlook for the future. This concern, which started in last summer with some four thousand feet of glass, is under the management of Mr. W. C. Cook, formerly with the Dunkley Floral Company and more recently manager of the Chicago Floral Company of this city, now defunct.

Friend George Taylor is still doing business at the old stand on Portage street. He had the misfortune to lose his horse lately.

Mr. Sam Batson is still cutting quantities of very fine carnations which he is shipping to Cincinnati.

G. Van Bochove & Bro. are cutting some very fine roses, carnations and lilies. This enterprising firm have during the last two years doubled their growing capacity and the increasing demand for their stock compels them to enlarge again this year.

The Dunkley Floral Company are also cutting some nice stock. This establishment which after the demise of the late Mr. Joseph Dunkley, was allowed to run down considerably is, under the present able management, gradually assuming its old time form.

Weather has been squally and dark; have not seen the sun for a week.

RIBES.

SPRING.

Says the Crocus to the Snowdrop,
How is the weather now?
Can I come up in the sunshine
And warm my frozen brow?
What says the weather man
About the storms to come?
It isn't pleasant down here now,
In fact, I feel quite glum.
Stay in your bed, the Snowdrop said,
And sleep in sweet repose.
For if you try to come up now
You'll surely freeze your nose.
The weather man predicts it warm,
With sunshine and all that,
But you must bear in mind that he
Is talking through his hat.
So the Crocus staid in bed until
The Snowdrop rang its bell,
To call the sleeping Crocus up
And tell it all is well.
The Crocus stood on guard until
The warming sun stood high,
Then called the blue-eyed Scilla up
To mock the azure sky. —S. C. C.

A very interesting and instructive series of leaflets printed for free distribution upon request with orders for seeds has been issued by W. Atlee Burpee & Co., the Philadelphia seedsmen. Their titles are: "How to grow dahlias," "Remedies for insect pests." "How to grow tomatoes," "Salads and garnishes; their use and cultivation," and a collection of versified criticisms and comments upon the much-talked-of poem, "The man with the hoe," in addition to the original poem.

Canandaigua, N. Y. A building adjoining the greenhouses of A. W. Birch was destroyed by fire March 2, and though the greenhouses were saved the damage to the contents was serious. There was no insurance.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ilse	$2.00	$60.00	Crocker	$2.50	$20.00	Frances Joost	$1.00	$9.00
Guardian Angel	1.00	35.00	Peru	2.50	20.00	Cerise Queen	1.00	9.00
Sunbeam	10.00	75.00	Crane	2.50	20.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	2.50	20.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.50	20.00	Armazindy	1.00	9.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	50.00	Argyle	1.00	9.00	McGowan	1.00	7.50
Marquis	4.00	35.00	Evanston	1.00	9.00	Evelina	1.00	7.50
Genevieve Lord	4.00	35.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$8.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle	$5.00 per 100; $25.00 per 1000.				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

Norway **The Queen of Commercial White Carnations.** Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment.

Egypt **A Most Distinct Dark Variety,** rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10.00 per 100; $75.00 per 1000.

Genevieve Lord **The Greatest Money-Making Pink.** A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100; **$50.00** per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. **50c** each; **$5.00** per doz.; **$30.00** per 100.

Complete List of Other Novelties and Standard Varieties. Catalogue ready; write for it.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready. Price, **$6.00** per 100; **$50.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

BABY PRIMROSE, from 2½-inch pots, $3.00 per 100.

CYCLAMEN, from 2½-inch pots, $5.00 per 100.

The above stock is in extra fine condition for **Easter Trade,** being in bud and bloom.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

LAST CALL

FOR ADVS. FOR OUR

SPECIAL SPRING NUMBER.

Copy must reach us by the morning of **Wednesday, March 27th,** at the very latest to be in time.

Always mention the Florists' Review when writing advertisers.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100, $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

March Prices.

Ethel Crocker has been with me all that I claimed for it, but not with some of the growers. If you can get the results I do it will be your best pink and in order to have it tried a second season I offer it free by mail for $2.50 a 100.

Elm City is a white that has given me excellent results, and as it is comparatively unknown I make the same offer with it—free by mail at $2.50 per 100.

Genevieve Lord, Mrs Lippincott, White Cloud, Bradt, Olympia, Leslie Paul, Gomez and Maceo at reduced prices for March. Send for them.

ALBERT M. HERR, - LANCASTER, PA.

Mention The Review when you write.

On Top—As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

Mention The Review when you write.

For Quick Sale.

Extra fine

Rooted **CARNATION** Cuttings direct from the sand.

Cannot be Beaten in Quality, Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,

Berteau Ave., near Western Ave., CHICAGO.

For list of Varieties see Classified Advs.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Unrooted Morning Glory Cuttings, $1.75 per 100, $15.00 per 1000.

SEE OUR LOW PRICES ON SMALL LOTS.

	Per 100
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeKoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Peru, white, 1900	$2.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

5 cuttings at 100 rate.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3-in	$3.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
Maiden Hair Fern, 2½-in	5.00
New Geranium De Roo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud 3-in	10.00
Alternanthera, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cigar Plant, 2½-in	1.50
California Moss, hanging basket plant, 2½-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Mix Begonias, flowering, 2½ in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2½-in	1.50
Vinca, green trailing, 2½-in	1.50
Vinca, green trailing, 6-in	$15.00
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seeding Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Cannas, started plants from strong bulbs, Triumph, Progression, Burbank, A. Bouvier, 4-in	2.50
Petunias, choice double mixed, 4-in	5.00

	Per 1000
Pansy Plants, from cold frames, small	5.00
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rate, 250 at 1000 rate. Cash, or R. C. and Plants will be sent C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

SELECTED ROOTED CUTTINGS

CARNATIONS

	Per 100	Per 1000
The Marquis, rich pink	$5.00	$40.00
Morning Glory, light pink	3 50	30.00
Mrs. Lawson, famous pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Daybreak, flesh	2.00	15.00
Melba, fine pink	2.00	15.00
Mrs. Joost, money maker	2.00	15.00
Wm. Scott, pink	1.00	10.00
White Cloud, fine white	1.50	12.50

We would call special attention to MARQUIS which is of unusual excellence.

	Per 100	Per 1000
Flora Hill, large white	$1.50	$12.50
Peru, white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, scarlet	3.00	25.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, variegated	3.00	25.00

Also all Novelties of this Year at Introducers' Prices.

CEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots, Brides and Maids, $3.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROOTED CUTTINGS OF

CARNATIONS!

Let us figure on your wants.

CHICAGO CARNATION CO., Joliet, Ill

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderii and triumphans, 2¼-in., $5.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGAVE.

Century plants, well rooted, postpaid 20c, 3 for 50c. South Florida Nursery Co., Dade City, Fla.

AGERATUM.

Ageratums Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum Princess Pauline, 2½-in., $2.00 per 100. Stella Gurney, 2½-in., $3.00. Otis F. Searles, La. B. 285, Nashua, N. H.

Ageratum Princess Pauline, rooted cuttings, 60c per 100, $4.50 per 1000; 2½-in. pots, $2.50 per 100. Jerome Harley, Media, Pa.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouses, Danville, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratum, blue, 2-in., $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Rooted cuttings. Red and yellow, 60c per 100; $5 per 1,000. Express prepaid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Alternantheras, rooted cuttings, four varieties, 50c per 100, $4.00 per 1000. Cash. Edwin A. Seidewitz, 36 W. Lexington St., Baltimore, Md.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100, $4.00 per 1000. Davis Bros., Morrison, Ill.

Alternantheras. Rooted cuttings, summer struck, $1.00; winter struck, 60c per 100. Greene & Underhill, Watertown, N. Y.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

ALYSSUM.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100; Dbl. Giant, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Dble. sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

AQUATICS.

We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rare hardy water lilies; also the Sacred Lotus and its varieties. Grown and for sale by W. J. Richards, Wayland, Portage Co., Ohio. Write for catalogue.

ASPARAGUS.

Plumosus nanus, extra strong, from 3-inch pots, $1.00 per doz.; $7.50 per 100; $65.00 per 1,000. Sprengeri, from 2½-in. pots, $2.50 per 100; $20.00 per 1,000. Seedlings, very strong, from seed bed, $1.00 per 100; $7.50 per 1,000. Seawanhaka Greenhouses, Oyster Bay, N. Y.

Just now ripening, a quantity of Asparagus Sprengeri seed; will be sold at a low figure for cash. Write for price, stating quantity wanted. Fred. Rafferty, Hermosa Gardens, Santa Ana, Cal.

Fresh seeds of Asparagus Sprengeri at $3.00 per 1,000 and Asparagus plumosus nanus at $8.00 per 1,000 new on hand. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Asparagus plumosus nanus, 2½-in., $3.50 per 100; $30.00 per 1,000. Asparagus Sprengeri, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Plumosus, 2½-in. pots, $10.00 per 100. Sprengeri, 2½-in. pots, $4.00 per 100. Cash from unknown correspondents. Wm. A. Bock, North Cambridge, Mass.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $8.00 per 1,000 prepaid. A. J. Baldwin, Newark, Ohio.

25,000 Asparagus Plumosus Nanus seed, 90c per 100, $7.50 per 1000, $55.00 per 10,000, $100.00 per 20,000. Edw. J. Taylor, Southport, Conn.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in. $3.00 per 100, $25.00 per 1,000; 3-in. $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Fresh seeds of Asparagus Sprengeri, of my own growing, 300 for $1.00, $3.00 per 1,000. B. F. Engle, Rochester, Pa.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Asparagus plumosus seeds, ready to deliver Mar. 15th, $6.00 per 1,000. Cottage Nursery, San Diego, Cal.

Asparagus Sprengeri, 2-in., $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

A few thousand A. Sprengeri, ready for 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 2¼-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BANANAS.

Bananas can be grown north by digging in fall and planting in cellar until spring, then reset. They will fruit before frost. Very beautiful, as they have leaves 6 to 8 ft. long, 1 to 2 wide. Strong plants by mail, 20c. South Florida Nursery Co., Dade City, Fla.

BEDDING PLANTS.

Echeveria colorinoca, very choice, $3.00 per 100; rooted offsets, $1.25 per 100. Sempervivum tom and chickweed, $2.50 per 100; offsets, $1.00 per 100. Echeverias orbiculata and arborescens, 75c per doz. Mrs. M. E. Patterson, Glendale, Cal.

BEGONIAS.

Begonia Gloire de Lorraine, 2¼-in. pots, $15.00 per 100. Begonia Gloire de Lorraine nana compacta, 2¼-in. pots, $15.00 per 100. This stock guarantee absolutely free from disease. Thomas Roland, Nahant, Mass.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

5,000 mixed begonias, $1.50 per 100. Morris Floral Co., Morris, Ill.

BERRIED PLANTS.

5,000 Jerussiem cherries, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

BULBS.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Fancy caladium seedlings from crossing finest named sorts. Mixed; infinite variety, charming novelties; no peer ones. Size 1 to 4 inches across (3 to 12 circ). Delivered free (express prepaid) to any part of U. S. for $6.00 per 100; $55.00 per 1000. Cash with order. T. L. Mead, Oviedo, Fla.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale in 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

Choice strain tuberous begonias, single, separate colors, large bulbs, 40c per doz.; $2.50 per 100. Dbl. begonias, 75c per doz.; $5.00 per 100. Caladiums, fancy-leaved, finest named, 50c per doz.; $10.00 per 100. Send for new list. H. H. Berger & Co., 47 Barclay St., New York.

We have a full stock of CALADIUMS and TUBEROSES in all sizes. GLADIOLI, etc. Send for wholesale price list, just issued.
Plant Seed Company, St. Louis, Mo.

Bessera elegans, Mexico coral drops, $1.00 per 100; $8.00 per 1000. Tigridias, in splendid mixture, $1.00 per 100; $9.00 per 1000. Amaryllis formosissima, monster size, $3.00 per 100; 50c per doz. All prepaid; sent parcels post paid. J. A. McDowell, City of Mexico.

Headquarters for extra dwarf Pearl tuberose bulbs, 4 to 6 inches, $3.00 per 1000; 3 to 4 inches, $1.25 per 100. Also carefully packed in double paper lined barrels f. o. b. here. M. M. Wells, Wallace, N. C.

Caladium esculentum, 1st size, 6 to 9 in. in circ., $2.50 per 100; 2nd size, 3 to 6 in. in circ., $1.00 per 100. Small roots or sets, 50c per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cold storage Lily of the Valley for Easter flowering. Takes three weeks to bring it into bloom. Per case of 1,000 pips, $10.00. H. A. Dreer, 714 Chestnut St., Philadelphia.

Caladium esculentum, extra large size, 9-10-in., $8.00 per 100. Have a few barrels of different sizes at $5.00 per barrel; all good and sound. C. G. Nanz, Owensboro, Ky.

Some fine kinds of fancy leaved caladiums, small and medium sized bulbs, at less than real value. Kinds unexcelled. Address F. J. Ulbricht, Anniston, Ala.

Tuberoses, tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood N J

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

CANNAS.

Cannas (started from sand bed), Queen Charlotte, Florence Vaughan, Chicago, Charles Henderson, Alphonse Bouvier, Pres. McKinley, etc., $3.50 per 100; $30.00 per 1000. I solicit your patronage and guarantee satisfaction. Paul Mader, East Stroudsburg, Pa.

Italia, Queen Charlotte, Chas. Henderson, Mme. Crozy, Florence Vaughan, Montel, Admiral Avellan, Eldorado, Burbank, Sam Trelease, Pres. Cleveland, Pres. McKinley and Sunray, 2 to 3 eyes, at $2.50 per 100. W. A. Wettlin, Hornellsville, N. Y.

For Sale—Cheap, 100 doz. cannas, Bismarck, Florence Vaughan, Paul Marquant, Charles Henderson, good strong plants, ready May 1st. E. Roach, Sta. 3, Nashville, Tenn.

Dry canna bulbs at $1.50 per 100. Mme. Crozy, Chas. Henderson, Austria and Queen Charlotte, fine bulbs but mixed. Logan Ave. Greenhouses, Danville, Ill.

Dormant Austria, Ami Pichon, Burbank, Chevallier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Cannas, Austria and Chas. Henderson, 2c; $15.00 per 1000. Will exchange for rooted carnations. W. B. Woodruff, Florist, Westfield, N. J.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas, started plants from strong bulbs, 4-in., $2.50 per 100. Seedling cannas, 4 varieties, $1.00 per 100. Morris Floral Co., Morris, Ill.

Austria and Paul Marquant, fine plants from pots, $2.50 per 100. Austria, dry roots, $1.00 per 100. Fairview Floral Co., Beatty, Ohio.

The new canna, Golden Age. See display adv. this issue.

CAREX.

Carex japonica. Fine large plants, from 3-in. pots, ready to be divided or shifted into 4-in., $2.50 per 100. Must have the room. L. D. Robinson, Jr., Springfield, Mass.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

LOOK HERE!	Per 100.	Per 1000.
Scott	$1.25	$10.00
McGowan	1.25	10.00
Flora Hill	1.50	12.50
Storm King	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Jahn's Scarlet	1.50	12.50
Firefly	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.50	12.50
Mary Wood	2.00	15.00
Mrs. Frances Joost	2.00	15.00
America	2.50	20.00
Gen. Gomez	2.50	20.00
Ethel Crocker	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Queen Louise	10.00	75.00

250 at 1000 rate.

Cuttings will be well rooted, taken from flats and sand, and from first-class stock.
Cash with order, please.
JAMES E. BEACH,
2019 Park Ave., Bridgeport, Conn.

New White Carnation GOODENOUGH.—Here is the number of flowers it gave me to the square foot of bench room, compared with others under the same conditions. Goodenough 41, White Cloud 12, Flora Hill 19, Scott 26, McGowan 38, Evelina 26, Nivea 32. It is pure white, good size, good stem, and never bursts. Price, rooted cuttings, $5.00 per 100.

Mrs. Lawson, R. C.	$7.00 a 100
Ethel Crocker	4.00 a 100
Daybreak and Triumph	2.00 a 100
Scott, Eldorado and McGowan	1.60 a 100

SIDNEY LITTLEFIELD, N. Abington, Mass.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.
THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100, $30.00 per 1000; Lawson, $7.00 per 100, $60.00 per 1000; G. Lord, $6.00 per 100, $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.
We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping our this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the latest sorts.

	100	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	[illegible]
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. Five cuttings at 100 rate.

	Per 100.
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeRoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Avondale, pink, Hill, 1901	4.00
Olympia, variegated, 1900	4.00
Genevieve Lord, light pink, 1900	4.00
Ethel Crocker, pink, 1900	3.00
Peru, white, 1900	2.50
White Cloud, white	1.25
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Morning Glory, shell pink	4.00
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

MORRIS FLORAL CO., Morris, Ill.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.60	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.60	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

Carnations, rooted cuttings, healthy stock.

	1,000.
Daybreak	$12.00
W. Scott	10.00
F. Joost	12.00
Lady Emma	12.00
E. Crocker	25.00
R. Jacket	15.00

Unrooted cuttings at half price. Will exchange for Carnot and La France cuttings. Chas. Lenker, Freeport, N. Y.

Fine Carnations—In order to make room I will sell the following carnations from 2-in. pots, all selected cuttings, at rooted cutting rates: Ethel Crocker, 2-in. pots, $3.00 per 100; White Cloud, 2-in. pots, $2.00 per 100; Gold Nugget, 2-in. pots, $2.00 per 100; Daybreak, 2-in. pots, $1.50 per 100; Lizzie McGowan, 2-in. pots, $1.50 per 100. Smilax, 2-in. pots, $2.00 per 100. Louis C. Pilat, Sing Sing, N. Y.

Ethel Crocker has been, with me, all that I claimed for it. In order to have it tried a second season I offer it free by mail for $2.50 per 100. Elm City (white) has given excellent results, free by mail at $2.50 per 100. Lord, Lippincott, White Cloud, Bradt, Olympia, Paul, Gomez and Maceo at reduced prices for March. Albert M. Herr, Lancaster, Pa.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	[illegible]
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	65.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	2.50	20.00
America	2.50	20.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 61 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	2.50	20.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	15.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.60	10.00
Mrs. Frances Joost	1.50	12.50
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00

EVENDEN BROS., Williamsport, Pa.

Carnations. All well rooted.	100.	1,000.
White Cloud	$ 3.00	$25.00
Flora Hill	3.00	25.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	3.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	6.00	60.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties:

Guardian Angel,	Geo. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan,

See our display adv. on another page.
THE HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., Chicago.

Lawson, $7.00 per 100; $60.00 per 1000. Olympia, Estelle, $6.00 per 100; $50.00 per 1000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1000. Crocker, Crane, America, Nugget, L. Pau., $2.50 per 100; $23.00 per 1000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1000. Dana R. Herron, Olean, N. Y.

Carnations. Rooted cuttings from soil. Ethel Crocker, $4.00 per 100; $30.00 per 1,000. Morning Glory, $4.00 per 100; $30.00 per 1,000. Gomez, $2.00 per 100; $15.00 per 1,000. Mrs. Geo. M. Bradt, $3.00 per 100. Vinca, Variegated, extra fine plants, 6-in. pots, $3.00 per doz. Cash with order, please. R. D. Lydecker, Hackensack, N. J.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	1,000.
William Scott	$ 9.00
Flora Hill	9.00
Merrimac	9.00
Daybreak	9.00
Outcast	9.00
New York	9.00
Sandusky	15.00
Frances Joost	15.00
Genevieve Lord	35.00
Ethel Crocker	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr., Martinsville, Ind.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings ready March 1. Price: $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

Carnations. Per 100.
Rooted cuttings of Scarlet Wave, sport of

Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings: 1 plant 60c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Good strong rooted carnation cuttings—per 100: Albertini, Bridesmaid, Triumph, Wm. Scott, at $1.00; Daybreak, Flora Hill, at $1.50; Jubilee, Morello, at $2.00; Mrs. Bradt, Chicago, Peru, at $2.50. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Ethel Crocker, 2¼-in. pots or from sand. A1 stock in every way, $3.00 per 100, 250 for $6.00, 500 for $10.00, 1000 for $20.00, for quick cash sale to make room. Also Mrs. J. Dean at $2.00 per 100; $15.00 per 1000. Hession, Flatbush, Brooklyn, N. Y.

Carnations, extra strong rooted cuttings. Per 100: Lawson, $4.00; Jubilee, $1.25; Crane, $2.00; Bradt, $1.50. Hill, Scott and Eldorado, 75c per 100; $6.00 per 1000. H. Ernst & Son, Washington, Mo.

Carnations—24 varieties of rooted cuttings. Fine, clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO., Kalamazoo, Mich.

ROOTED CARNATION CUTTINGS ready April 1. Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, $2.00, and G. H. Crane, $2.50 per 100. L. L. MAY & CO., St. Paul, Minn.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

A few thousand fine rooted cuttings of Daybreak and Flora Hill. Will make very low prices. Express prepaid. S. W. Pike, St. Charles, Ill.

Ethel Crocker, plants from 2½-in. pots, $4.00 per 100; rooted cuttings, from soil, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Ethel Crocker carnation plants out of 2-in. pots, $2.00 per 100. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Mrs. Bradt, Mrs. Joost, Crocker, Scott and McGowan, in 2-in. For special price write Geo. A. Kuhl, Pekin, Ill.

All this year's new carnations; also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Daybreak carnation cuttings, $8.00 per 1000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Portia, extra select rooted cuttings, $1.50 per 100. Geo. Smith, Manchester, Vt.

CHRYSANTHEMUMS.

Chrysanthemums, strong rooted cuttings, ready April 1. Early sorts—Bergmann, Rose Owen, Yellow Monarch, $1.50 per 100. Mid-season sorts—Mrs. H. Robinson, Mrs. Murdock, $1.50 per 100; Mrs. W. H. Weeks, Australian Gold, $1.00 per 100. For Thanksgiving trade—Golden Wedding, Philadelphia, Mrs. J. Jones, Maud Dean, $1.50 per 100; Autumn Glory, $1.00 per 100. For Christmas—H. W. Rieman, The Harriott, Yanoma, $2.00 per 100. L. L. May & Co., St. Paul, Minn.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each: $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. Rooted cuttings now ready. Good, clean stock. Glory Pacific, Golden Wedding, W. H. Lincoln, Major Bonnaffon, Ivory, Niveus, $1.00 per 100; 2¼-in. pots, $2.00 per 100. Cash with order. Miller & Clark, Jamesville, Onondaga Co., N. Y.

Chrysanthemums (rooted cuttings), Walter Molatsch, grand early yellow, $4.00 per 100. Ivory, Bonnaffon, Mrs. Jerome Jones, Polly Rose, Murdoch, at $10.00 per 1000, or $1.25 per 100. Cash with order. Paul Brummer, Corona (L. I.), N. Y.

Choice rooted cuttings of Chadwick, $2.00 per 100; 2-in. pots, $3.00 per 100. Bonnaffon, Modesto, Jerome Jones and Ivory, rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Cash please. Frank Garland, Des Plaines, Ill.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Choice, clean rooted cuttings from sand of Ivory, Bassett, Robinson, Wedding, Faure, Bergmann, at 1½c each; Chadwick, Yellow Fitz, Baer, at 3c each. Express paid. Cash, please. Cottage Greenhouses, Litchfield, Ill.

October Sunshine, Yellow Queen, Mrs. H. Robinson, Golden Wedding and W. H. Chadwick, 2-in., $3.00 per 100. Rooted cuttings of same varieties, $2.00 per 100. F. R. Hills, Maywood, Ill.

Major Bonnaffon and Glory Pacific, fine, strong plants, 2-in., $2.00 per 100. Gold Smith (new), fine, strong plants. 2-in., $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Chrysanthemums. First-class stock, $2.60 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

For chrysanthemum rooted cuttings or plants from pots see February issues this paper or address Gunnar Teilmann, Marion, Ind.

CINERARIAS.

200 3-in. cinerarias, strong plants, $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CLEMATIS.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 5-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c, from 5-in., 10c. W. H. Salter, Rochester, N. Y.

CLEMATIS PANICULATA in 1000 or 10,000 lots from 2½c to 12c each. Send for wholesale list. ELIZABETH NURSERY CO., Elizabeth, N. J.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Extra fine lot, 25 varieties, 2-in., $1.60 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Golden Bedder, Verschaffelti and 12 other selected varieties, rooted cuttings, 60c per 100; $5.00 per 1000. Cash. Critchell's, Station 1, Cincinnati, Ohio.

Verschaffeltii, Golden Bedder and other varieties, strong rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

Verschaffeltii, Golden Bedder and other fancy vars., 60c per 100, $5.00 per 1000. Mrs. P. F. Conley, Princeton Ave. and Updike St., Providence, R. I.

Rooted cuttings, Chicago Bedder, Verschaffeltii, Nero, etc., 50c per 100, $4.00 per 1000. Cash. E. A. Seidewitz, 36 W. Lexington St., Baltimore, Md.

Rooted cuttings of Vershaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Golden Bedder and Verschaffeltii, strong rooted cuttings, 75c per 100; $7.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus. Golden Bedder and Red Verschaffeltii. Rooted cuttings 50c per 100. E. A. Wallis, Jenkintown, Pa.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

Coleus, 15 varieties, mixed, 2-in. pots, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

CROTONS.

Crotons, finest assortment, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CRYPTOMERIA.

Cryptomeria (surplus stock), 6 to 10 inches high; well-branched, 50c per doz. postpaid. Theo. Fuhr, Box 612, Alliance, Ohio.

CYCLAMEN.

Cyclamen persicum splendens giganteum, finest strain in the world, in four true colors (September sowing), plants transplanted from flats, $3.00 per 100; $25.00 per 1000. My strain of cyclamen has a reputation second to none. Paul Mader, East Stroudsburg, Pa.

Cyclamen grand. spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.60 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

CYPERUS.

Cyperus alternifolius, strong, stocky plants from 2½-in. pots at $3.00 per 100. L. L. May & Co., St. Paul, Minn.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

25,000 dahlias. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

DAISIES.

Daisies, 2 best varieties, $1.00 per 100; $8.00 per 1000. Express paid on rooted cuttings. C. Humfeld, Clay Center, Kan.

Snow Crest, 2¼-in. $4.00, 3-in. $6.00; rooted cuttings, $2.00 per 100. Greene & Underhill, Watertown, N. Y.

California Giant Marguerites, 2-in. $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

White Paris daisy, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Paris daisy, white, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

DRACÆNAS.

Surplus stock. Dracaena indivisa, $1.00 per doz. by express. Too large to send by mail. Theo. Fuhr, Box. 612, Alliance, Ohio.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

EASTER PLANTS.

HEADQUARTERS FOR EASTER PLANTS.
Order Early.

Crimson Rambler, baskets, pyramids and other designs, from $3.00 each up. Our stock is in prime condition—better than ever before.

Boxwood (pyramids), from $1.50 a pair up to $5.00 a pair; the large sizes in tubs with handles. Also crowns of Boxwood, stem about 3 feet high, $3.00, $4.00 and $5.00 a pair.

Crown bay trees, $15.00, $20.00, $25.00 and $30.00 a pair.

Kentias, all sizes, Latanias, 50c to $2.00 each. Pandanus Utilis, 75c to $1.00 each. Arecas, 3 in a pot, $4.00 per doz. Rubbers, 3 feet high, $6.00 per doz. Araucaria Excelsa, $1.00, $1.25 and $1.50 each. Araucaria Robusta, $3.00 up to $5.00 each. Araucaria Glauca, $2.00 up to $4.00 each.

Bougainvillea Sanderiana, tied to basket, cross and other shapes, $5.00 each and up. Large and showy. You must see them. One mass of flowers.

Azaleas (four houses), from the best varieties only, 50c, 75c, $1.00, $1.50, $2.00, $3.00, $4.00, $5.00 each, up to $10.00. In any quantity. This and Ericas can be safely shipped without pots and be repotted on arrival.

Erica Fragrans, fine round shape, full of bloom, $12.00 per doz., $75.00 per 100. Small plants, $2.00 per doz. Ideal Easter plant.

Rhododendrons, $3.00 to $15.00 each. Fine specimens, in tubs.

Pot lilies, extra fine, 12c per flower; four houses, fine condition.

New Erica Cupressina, $12.00 per doz. One house.

Hydrangeas. The best shaped and flowered plants we ever had; from $1.00, $1.50, $2.00, $2.50, $3.00, $4.00, $5.00 each.

Hyacinths in pots and pans; can ship without pots; $2.00 per doz. The best only.

Tulips. Flats and pans; all prices.

Lilac, white and blue. $1.50 and $2.00 each for the best.

Moss Roses in boxes our specialty. Per box, $6.00.

Oranges. Bushy plants, $1.00 to $1.50 each; 3 to 6 fruits each.

Twenty-five greenhouses well stocked. Cash with order, please.

ANTON SCHULTHEIS,
P. O. Box 78. College Point, L. I.

EASTER LILIES, Japans, cut blooms or buds, $10.00 per 100; in pots, bloom or buds, $12.50 per 100. Order plants at once, before they get too far advanced to ship.

Azaleas, strong plants, ready to bloom, $1.00 and $1.50 each.

Hydrangeas, 50c to $1.60 each.

Geraniums, in bloom, $8.00 per 100.

Unknown correspondents will send cash with orders. Connected with telephone.

WM. A. BOCK, North Cambridge, Mass.

For Easter and spring flowering. All plants are of fine shape and well budded. Per 100: Lilacs, $45.00; Azalea mollis, $35.00; Azalea pontica, $45.00; rhododendrons, $35.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

A fine lot of Astilbe multiflora compacta, 6-in., just right for Easter, $3.00 per doz. Cash. Critchell's, Station I, Cincinnati, Ohio.

Just right for Easter use. Asparagus Sprengeri, heavy dark green, 4-in., $7.50 per 100. Cash. Roney Bros., West Grove, Pa.

HEADQUARTERS FOR EASTER PLANTS.

I have an immense stock of the finest and choicest in the market, and in such quantities that exceed anything that I ever had and offered before. You would be astonished if you could take a look in seven (7) large greenhouses and an equal number of hotbeds which are filled to the fullest extent, and devoted to the entire cultivation of Easter plants alone. Therefore I will be prepared to fill all orders, if sent in time, as far as the supply will reach.

Azalea Indica. I am one of the largest importers of these choice Easter plants and have about a thousand more than last year. I raised these in large houses, 20x115 feet, erected for the cultivation solely of these plants. These azaleas were selected by myself last fall on my second trip to Belgium and as I am agent for a large concern there it gives you a chance to purchase your goods at first hand and not through a middleman. I have only new stock, none left over from a year ago. I can offer you plants in bloom, or buds, blooming Easter week, 6-in. pots, 60c, 75c and some for $1.00. Most of them Mme. Vander Cruyssen, and some other of the best varieties which will be selected by myself. I have some fine specimen plants, 10-11-in. pots, 20-22 inches across, very large (Mme. Vander Cruyssen), of good shape and full of buds, $3.00 each, easily worth $5.00. Weight, with pots, 37 lbs.; weight without pots, 17 lbs.

Araucaria excelsa and glauca in excellent shape, 3 tiers, 5-in. pots, 60c, 75c and $1.00 each. Very fine specimens, $1.50 and $2.00 each, worth $3.00.

Spiraeas compacta and floribunda. Fine bushy plants, my own importation; perfect jewels; 5½-6-in. pots, $3.00 per doz; Specimen plants, $4.00 per doz.

Hyydrangea (Pink). 5½-6-in. pots, $3.00 to $4.00 per doz.

Cineraria hybrida. Choice colors, 6-in. pots, $2.50, $3.00 and $4.00 per doz. In bloom now or at Easter. I have a house full of them.

Begonias. President Carnot and Semperflorens giganteum, also some other varieties, 6-in. pots, $3.00 to $4.00 per doz. Vernon and other good blooming varieties, 4-in. pots, $1.20 per doz.

Daisies (white) Marguerite. Fine bushy plants, 5-in. pots, $2.00 per doz.; 4-in., $1.00 per doz.

Liliums Longiflorum and Harrisii. Fine plants, raised from bulbs 7x9, obtained of the well known firm of Henry F. Michell, 6-in. pots (from 5 to 10 buds to a plant), at the rate of 10c per bud. Height, 1½ to 2½ feet. No lilies sold by themselves; other plants must accompany them.

Cyperus (Umbrella plants), 4-in. pots, $1.00 per doz.

Corypha australis (Palms), fine plants, 14-18 in. high, 5-5½-in. pots. 50c each.

Dracaena indivisa (imported), for decoration; 6-in. pots, 50c each.

Hyacinths (Dutch named), strictly my own importation, raised from bulbs that cost from $6.00 to $8.25 per 100. These fine hyacinths I am selling at the rate of $10.00 per 100; extra choice, $12.00.

Tournesol Tulips (double red and yellow striped), 3 in a 4-in. pot. They are simply beautiful and sell at sight. $1.50 per doz. pots.

Daffodils (Von Sion), 3 in a 5-in. pot, from $1.50 to $1.75 per doz. pots.

Geraniums, 3-in. pots, Mme. Thibaut, Pilot, and some other good varieties, $5.00 per 100.

Cash with order, please. Money can be sent safe by express, postal money order, registered letter or drafts on Philadelphia or New York banks. At such a busy time (packing and shipping) I have no time to inquire into recommendation letters. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,
1012 Ontario St., RISING SUN, PHILADELPHIA, PA.

Azaleas for Easter. Standard varieties in prime condition.

Pots.	Dia.	12.	100.
5-in.	10 to 12 inches	$ 5.00	$ 40.00
5 & 6-in.	12 to 14 inches	6.00	50.00
6 & 7-in.	13 to 15 inches	9.00	70.00
7-in.	16 to 18 inches	15.00	110.00

Mme. Van der Cruysen, good value, at $1.60, $2.00, $2.50, $3.00 and $5.00 each.

H. A. Dreer, 714 Chestnut St., Philadelphia.

Baby primrose, 2½-in. pots, $3.00 per 100. Cyclamen, 2½-in. pots, $5.00 per 100. Stock in extra fine condition for Easter trade. N. Smith & Son, Adrian, Mich.

Harrisii lilies, just right for Easter, $15.00 per 100 buds. A. J. Baldwin, Newark, Ohio.

FERNS.

Japan fern balls, one of the best Easter sellers. Start them now. We offer 7/8-in., 40c each, $3.50 a doz., $27.00 a 100; 9-11 in., 65c each, $6.50 a doz. Fern wreaths, 12-in., 60c each, $5.00 a doz., $40.00 a 100; 10-in., 40c each, $4.00 a doz., $35.00 a 100. Address H. H. Berger & Co., 47 Barclay St., New York.

50,000 BOSTON FERNS. I make a specialty of N. Exaltata Bostoniensis. Small plants, $4.00 per 100 or $30.00 per 1000; large plants, $6.00 to $20.00 per 100; taken from the bench. Extra fine stock. WM. A. BOCK, N. Cambridge, Mass.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

FERNS OUR SPECIALTY. Adiantum Farleyense. The best paying plant in cultivation; plants and cut fronds always in big demand. If propagated now they will make $1.00 plants by next fall. We offer, while they last, good fresh crowns from 5-in. pots, which, if properly divided, will each make 50 or more plants, $12.00 per 100, 50 at 100 rate. In order to save expressage we shake off all the soil before shipping. Cash or C. O. D.

ANDERSON & CHRISTENSEN,
Short Hills, N. J.

Ferns—Assorted, 2¼-in. pots, $3.00 per 100; 3, 4 and 5-in. pots at $7.00, $12.00 and $25.00 per 100. Nice large plants, from 50c upwards. John Bader, Troy Hill, Allegheny City, Pa.

Boston ferns, strong, 3-in., $8.00 per 100; 2½-in., $6.00 per 100. Out of bed, ready for 6-in., $2.25 per doz.; $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in. 50c per doz., $3.00 per 100; 3-in. $1.00 per doz., $10.00 per 100; 6-in. $5.00 per doz. N. cordata, 3-in. $1.00 per doz. A. J. Baldwin, Newark, Ohio.

3,000 fern balls. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Boston, Sword and Dwarf Sword ferns, fine plants from 2½-in. pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Boston fern, true, 3½-in., $5.00 per 100. Maidenhair fern, 2½-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Boston ferns in 4, 5, 6 and 7-in., ready for a shift. Will make you money for Easter. Geo. A. Kuhl, Pekin, Ill.

Fern balls. Start them now for Easter sales. Write W. W. Barnard & Co., 161 Kinzie St. Chicago.

Boston ferns, small plants, from bench, $4.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

Home-grown, fine, clean stock. Send for price-list. J. B. Heiss, Dayton, Ohio.

Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

FICUS ELASTICA.

Rubbers in 3-in. pots, 6 inches high, strong stock, 6c; 4-in. pots, 12 inches high, 10c; 5-in. pots, 2 ft. high, 25c. Joy & Son Co., Nashville, Tenn.

FORGET-ME-NOTS.

Forget-me-nots, 2¼-in., $3.00; R. C. (winter), $2.00 per 100. Greene & Underhill, Watertown, N. Y.

GARDENIAS.

Maid of Orleans, Grand Duke, Sambac, revolutum, grandiflorum, strong 3-in. plants ready for shift, $6.00 per 100.
Nanz & Neuner, Louisville, Ky.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

GAZANIA.

Gazania rooted cuttings, 75c per 100, $6.00 per 1000, postpaid. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

Geraniums—Double Gen. Grant, 1000 3-in. very heavy, strong, well branched, fine plants, September struck, $5.00 per 100; $45.00 per 1000; 1000 3-in. nice strong plants, $4.00 per 100; $40.00 per 1000; 100 2½-in. fine, heavy plants, $3.00 per 100, $25.00 per 1000. The above all need immediate change. Theodore Searles, Box 303, Port Chester, N. Y.

Geraniums, America, $8.00 per 100, out of pots; $4.00 per 100, rooted cuttings. Mars, $4.00 per 100. Jean Viaud, Clyde, Dryden and novelties, $8.00 per 100. Little Pink, Dr. E. A. Hering, E. E. Rexford, $2.50 per dozen. Standards, $3.00 per 100. Send for price list. Henry Eichholz, Waynesboro, Pa.

GERANIUMS—Continued.

Geraniums—Double Grant, single Grant, Atp. Riccard, John Doyle, Bruantll, Beaute Poitevine, Griffith, Gloire de France, Mme. Jaulin, Frances Perkins, S. A. Nutt, La Favorite; strong plants, from 3-in. pots, $5.00 per 100; $45.00 per 1000. Paul Mader, East Stroudsburg, Pa.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1000. Cash with order. J. E. Felthousen, Schenectady, N. Y.

Geraniums. 25,000 rooted cuttings of all the leading varieties; all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

Finest assortment varieties, such as Queen of the West, Le Pilot, Bruantii, La Favorite, Marguerite de Layres, Poitevine, Mme. Thibaud, etc., $3.00 per 100; $25.00 per 1000. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Geraniums in 2-in. pots; Nutt, Poitevine, Dbl. Grant and others, $2.50 per 100; our selection, $2.00 per 100. Cash with order. Special price on large orders. C. A. Harris & Co., Delanson, N. Y.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

S. A. Nutt, Gen. Grant and 50 other varieties, single and double. Rooted cuttings, $1.50 per 100. Ivy geraniums, 2½-in., $2.50 per 100. Converse Greenhouses, Webster, Mass.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00. Morris Floral Co., Morris, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Geraniums. 1,000 strong 3-in. plants ready for a shift; standard market sorts, named, at $6.00 per 100. Joseph E. Bonsall, Salem, Ohio.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, red, white, yellow and salmon; rooted cuttings, 2½ and 3-in. For special price write Geo. A. Kuhl, Pekin, Ill.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geranium Mme. Salleroi. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Geranium Double New Life, rooted cuttings, $3.00, 2½-in., $5.00 per 100. Otis F. Searles, L. B. 288, Nashua, N. H.

Rooted cuttings, per 100: Silver Leaved, $1.25; La Favorite, $1.50; Mars, $2.00. Geo. Smith, Manchester, Vt.

Geranium Mme. Salleroi, 2½-in., $2.50 per 100; rooted cuttings, $1.00 per 100. Krueger Bros., Toledo, Ohio.

Geraniums, 16 best varieties, mixed, 2½-in., $2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums, mixed; 3-in., fine plants, $2.50 per 100. O. Petersen, Round Lake, N. Y.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums, double, 2-in., $2.00. Cash. Edw. B. Jackson, Stamford, Conn.

GLADIOLI.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For sample of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 405, Rochester, N. Y.

100,000 gladioli. Ask for prices on large quantities and our special spring list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

XXX, the finest mixture in the market for florists, $1.50 per 100; $12.00 per 1,000. F. W. O. Schmitz, Jersey City, N. J.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Berberis repens, dwarf evergreen, fine bloomer, 50 for $1.00; Aster Porteri, dwarf hardy perennial, autumn, snow-white, elegant for cutting, 35 for $1.00; Artemisia frigida, Silver Moss, for edgings, hardy, 50 for $1.00; Bigelovia graveolens, Plumed Goldenrod, dwarf shrub, superb novelty, 10 for $1.00; Cerastium alpinum, Carpet-of-Snow, new, 35 for $1.00; Clematis Douglasii, erect, herbaceous, nonclimber, large blue bell-shaped flowers, plumed fruit, 16 for $1.00, $5.00 per 100; prepaid; hardy cacti, ready to bloom, 4 kinds, assorted, 12 for $1.00; Gentiana Bigelovii, easily grown, 20 for $1.00; Helianthus laetiflorus, 100 for $1.00; Physostegia virginiana alba, blooming size, 100 for $1.00; Salvia azurea grandiflora, late, blue, entirely hardy, 25 for $1.00; Salidago spectabilis, best fragrant, non-suckering Goldenrod, 20 for $1.00; Yucca angustifolia, hardiest, rare, one year, field-grown, 60 for $1.00. All the above are choice clean stock and will be sent mail or express prepaid for cash with order. Satisfaction guaranteed. Trade list free. D. M. Andrews, Boulder, Col.

Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

Norway maples for everybody,
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Sugar maples, nice trees, 4 to 5 ft., $4.00 per 100, $30.00 per 1,000; 5 to 6 ft., $6.00 per 100, $50.00 per 1,000. Linnaeus rhubarb, $1.50 per 100. Hemerocallis, early, medium and late, $3.00 per 100; $25.00 per 1,000. Oxalis, 60c per 100; $1.00 per 1,000. E. Y. Teas, Green's Fork, Ind.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemala, Box 51, Buckley, Ill.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants. Edw. Gillett, Southwick, Mass.

Arbor-vitae, large fine plants, 3 to 4 ft., well shaped, 35c each, $4.00 per doz. Irish junipers, fine stock, 3 to 4 ft., 35c each, $4.00 per doz.; 4 to 6 ft., 50c each, $5.00 per doz. Nanz & Neuner, Louisville, Ky.

Perennial phlox, field-grown, nice clumps, good var., $4.00 per 100. Will have a few thousand rudbeckia Golden Glow from open ground at $5.00 per 1000. C. G. Nanz, Owensboro, Ky.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Peonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

For Sale—Cheap, 200 Carolina poplars, 10 to 12 feet high; 1,500 sugar maple trees, seedlings, average 3 feet high. E. Roach, Sta. 3, Nashville, Tenn.

Evergreens. Large stock of Blue Spruce, Douglas Spruce and Abies Concolor. Send us your list of wants. R. Douglas' Sons, Waukegan, Ill.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Imp. Gooseberry, 1-year, $5.00 per 1000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 1000. W. H. Salter, Rochester, N. Y.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

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Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1000. C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 2½-in., $2.50 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Good varieties, strong plants, $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

HYDRANGEAS.

A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please. John Charlton & Sons, Rochester, N. Y.

Hydrangeas, early blossoms, 6-in., $2.50 per doz., $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

IVIES

English Ivy in 2½, 3 and 4-in. pots, fine, strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00. Greene & Underhill, Watertown, N. Y.

LANTANAS.

800 trailing lantanas, 2½-in., strong plants, $5.00 per 100. Cash with order. Thos. D. Candy, Langhorne, Pa.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moon vines, 2½-in., $3.00 per 100. Good & Reese Co., Springfield, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, tall, also dwarf, mixed, 2-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges, $3.00 per 100; $25.00 per 1,000. Ponderosa Lemons, bears fruit 2 pounds and up; an ideal pot plant; blooms and fruits when quite small, $1.00 per doz., $7.00 per 100, $60.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Citrus trifoliate orange, very hardy, growing in open as far north as Philadelphia; has beautiful, sweet blossoms (fruit unedible). Small plants, 15c; 1 doz., $1.00. South Florida Nursery Co., Dade City, Fla.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

PAEONIES FOR CUT FLOWERS.
Now is the time to order.
Soon is the time to plant them.
Red, per 100, $15.00.
Pink, per 100, $20.00.
White, per 100, $25.00.
CHICAGO PAEONY FARMS, Joliet, Ill.

Paeony chinensis in mixture, 2 and 3-year-old roots, per doz., $1.00; per 100, $5.00; per 1000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Fine double varieties, $6.00 per 100; $50.00 per 1000. J. F. Rosenfield, West Point, Neb.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

Latania Borbonica, from 2½-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $7.00 per 100; 4-in. pots, $15.00 per 100; $2.00 per 12; 5-in. pots, $30.00 per 100; $4.00 per 12; 6-in. pots, $50.00 per 100; $7.25 per 12; from 8-in. pots and larger, $2.50 each and upwards, according to size. Kentia Forsteriana and Belmoreana, from 2½-in. pots, $8.00 per 100; 3-in. pots, strong, $15.00 per 100; 4-in. pots, $30.00 per 100; 5-in. pots, $60.00 per 100, $8.00 per 12; 6-in. pots, $15.00 per 12; from 7-in. up at $1.75 each, and more according to size. Areca Lutescens, from 2½, 3 and 4-in. pots, at $5.00, $8.00 and $20.00 per 100; 5-in. pots, $40.00 per 100, $6.00 per 12. Fine stock of larger plants from $1.50 upwards. Two fine specimen plants, about 10 feet high, for $70.00 the pair. Cocos Weddeliana, 4-in. pots, $25.00 per 100. Phoenix Reclinata, 4-in. pots, $20.00 per 100; 5-in. pots, $35.00 per 100, $4.50 per 12. Larger plants from $1.00 up. Phoenix Rupicola, 6 and 7-in. pots, $1.00 to $1.50 each. John Bader, Troy Hill, Allegheny, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 6	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.
These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, 2 to 2½ ft. in h't and dia., 8 and 9 lvs., $12.00; 8-in. pots, 1 plant to pot, 2½ to 3-ft. in h't and dia., 9 to 10 lvs, $15.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $24.00.
KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.
ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.
FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.
J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

BALL'S PALMS—Choice hardy stock, perfect in every way.
Areca lutescens, 2¼-in., $6.00 per 100, made up plants, 6-in., 50 and 75c; 8-in., $1.50 each.
Kentia Belmoreana, 2¼-in., 3 to 4 lvs., $12.00 per 100; 3-in., 4 to 6 lvs., 15, 20 and 25c each; 4-in., 5 to 6 lvs., 35, 40 and 50c each; 5-in., 75c; 6-in., 6 to 8 lvs., $1.00 and $1.25 each; 8-in., $2.00 each.
Latania borbonica, 2¼-in., $4.00 per 100; 6-in., 50 and 75c each; 8-in., $1.50 each; strong and stocky.
Livistona rotundifolia, 4-in., 35c each.
Pandanus Veitchi, 6-in., $1.00 each.
Pandanus utilis, 6-in., 50c each.
CHAS. D. BALL, Holmesburg, Phila., Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	6	16-18	3-4	26.00
Phoenix Canariensis	4	15-18	3-4	16.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	6-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

LATANIA BORBONICA, nice clean stock, full character leaves, 4-in., $15.00 per 100, $2.00 per doz.; 5-in., full character leaves, $30.00 per 100, $4.00 per doz.; 6-in., fine plants, from $50.00 to $75.00 per 100. Cash with order. Critchell's, Station I, Cincinnati, Ohio.

Kentias—Belmoreana, 3 and 3½-in. pots, $3.00 per doz. Forsteriana, 5-in. pots, $6.00 per doz. Larger sizes from 75c to $10.00 each. Wm. A. Bock, North Cambridge, Mass.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentias Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Latania palms, 2½-in., strong, 3c; 4-in., strong, 10c; 5-in., 25c; 7-in., 60c. Joy & Son Co., Nashville, Tenn.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

Seedling Seaforthia robusta, $3.00 per 100.
F. R. Hills, Maywood, Ill.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

THE JENNINGS STRAIN OF PANSIES. 35,000 fine stocky little plants, in finest mixture, now ready. By mail, 60c per 100; by express, $4.00 per 1000. Cash with order. E. B. Jennings, L. B. 254, Southport, Conn., grower of the finest pansies.

10,000 Michell's giant exhibition pansy plants. They are extra fine and can be shipped at once. Price per 1000, f. o. b. express office, $4.00. Cash with order. J. L. Elliott, Bethlehem, Pa.

100,000 pansies from seed grown for our own use; strong coldframe plants; $4.00 per 1000 from seed frame. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansy plants, from cold frames, small, $5.00 per 1,000; pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Giant Trimardeau. Fine transplanted, stocky plants; grand strain for size of flower and variety of colors, 50c per 100 by mail; $3.00 per 1000 by express. E. Fryer, Batavia, Ill.

Pansies worth raising. Good plants, $4.00 per 1,000. Cash. C. Soltau, 199 Grant Ave., Jersey City, N. J.

1000 pansy plants, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Pansies, good plants, $2.50 per 1000. G. Guy Swanger, Shiloh, Ohio.

PELARGONIUMS.

Pelargoniums, all sizes, from 2 to 5 in., from $2.00 to $5.00 per 100. All good var. in best shape. C. G. Nanz, Owensboro, Ky.

Pelargoniums, in 3 and 4 in., as fine a lot as you ever saw. Special price. Write Geo. A. Kuhl, Pekin, Ill.

PETUNIAS.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Dble. fringed petunias, rooted cuttings, $1.00 per 100. Kruger Bros., Toledo, Ohio.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Baby Primroses. Good stock from [illegible]-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

PRIVET.

CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000.
CALIFORNIA PRIVET, 2 yr, $19.00 per 1,000.
Choice cuttings, 1,000, $1.25; 20,000, $20.00.
Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

ROOTED CUTTINGS.

Rooted cuttings, all strong and well rooted.

	100.	1,000.
Ageratum, "Cope's Gem."	$1.00	$ 7.50
Cuphea Platycentra	2.00	18.00
German Ivy	1.00	7.50
Heliotrope, best blue	1.50	12.00

N. B.—Orders amounting to $5.00 will be sent F. O. B. New York City; those from unknown correspondents will be forwarded C. O. D. All orders filled in rotation. Seawanhaka Greenhouses, Oyster Bay, N. Y. Lock Box 227. Wm. L. Swan, Proprietor.

ROSES.

ROSES—Fine young stock of the following varieties from [illegible]-in. pots, $2.50 per 100; $20.00 per 1000:

Clothilde Soupert.	Yellow Rambler.
Wichuriana.	Golden Rambler.
Rubens.	Duchess Brabant.
Coq. de Lyon.	Climbing White Pet.
Comtesse Frigneusse.	Mary Washington.
Princess Sagan.	Marie Ducher.
Purple China.	Triumph Pernet Pere.
Tennessee Belle.	Marquis de Viviens.
Crimson Rambler.	President.
White Rambler.	Bridesmaid.
Aggrippina.	Henriette.
Mme. F. Kruger.	Lucullus.
Mme. Elie Lambert.	Vera de Flora.
Louis de la Rive.	Etoile de Lyon.
Snowflake.	Mrs. DeGraw.
Seven Sisters.	Mme. Jos. Schwartz.
Lamarque.	Pink Rambler.
Bride.	Yellow Soupert.
Safrano.	Marie Van Houtte.
Lady Warrender.	LaPactole.
Marie Guillot.	Baltimore Belle.
Media.	Miss Wenn.
Empress of China.	Chromatella.
Wm. A. Richardson.	Catharine Mermet.

All other standard varieties of roses and a full line of general stock. Send for price list.
THE NATIONAL PLANT CO., Dayton, O.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.
ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $26.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG, 51 Wabash Ave., CHICAGO.

AMERICAN BEAUTY—A No. 1 stock.

	100.	1000.
2½-in. pots	$5.00	$50.00
Brides, 2½-in.	3.00	25.00
Bridesmaids, 2½-in.	3.00	25.00
Meteor, 2½-in.	3.00	25.00
Liberty, 2½ in.	12.00	

Cash with order.
JOHN MUNO, Rogers Park, Chicago.

DORMANT ROSES. 3½-in. pots, ready for 4½ and 5 in., 10 to 12 in. high, in the following varieties: Kaiserin, Maman Cochet, White Cochet, Mme. Chatenay, Perle des Jardins, Agrippina, Bon Silene, Safrano, $8.00 per 100. Cash. Edwin A. Seidewitz, 36 W. Lexington St., Baltimore, Md.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

Finest Maids and Brides in the market. Long distance shipments of cut blooms with exceptional success. Rooted cuttings of the above, $15.00 per 1000. Princess of Wales violets, R. C., $15.00 per 1000. Anchorage Rose Co., Anchorage, Ky.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15 per 100. Liberty, $18 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

American Beauty Roses—Two-eyed cuttings, growing in 2½-in. pots, ready to shift, $6.00 per 100, $50.00 per 1000. Cole Bros., Peoria, Ill.

ROSES—Continued.

Strong, well established plants of Bride, Bridesmaid and Golden Gate, from 3-in. pots, $3.00 per 100. Ready May 1. Place your order now and choice stock will be reserved for you L. L. May & Co., St. Paul, Minn.

10,000 roses, dormant and H. Ps., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Balter, Bloomington, Ill.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100. Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

2-year roses, bush and climbing varieties, in large assortment, $4.00 to $10.00 per 100. Send for list and prices.
ELIZABETH NURSERY CO., Elizabeth, N. J.

American Beauties—Strong plants from 2½-in. pots, ready for a shift, $6.00 per 100, $50.00 per 1000; they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

100,000 Kentucky-grown roses in 2½-in. pots; 75 leading varieties. See our 1901 catalogue for description of our new rose Winnie Davis. Nanz & Neuner, Louisville, Ky.

Roses, 3-in., at 3c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Roses, all first-class from 2-in. standard pots. Per 100: American Beauties, $6.00; Kaiserin, $4.00; Bridesmaids, $3.00. T. E. Bartram, Lansdowne, Pa.

Brides and Bridesmaids, rooted cuttings, $1.50 per 100, $12.50 per 1,000; from 3-in. pots, $3.00 per 100; $25.00 per 1,000. F. R. Hills, Maywood, Ill.

Field-grown American Beauties, 3 years old $15 per 100; $125 per 1000. Southern Floral Co., 922 Bryan St., Dallas, Tex.

Roses in 2 and 2½-in. We grow all the leading varieties and our stock is fine. Write us. Geo. A. Kuhl, Pekin, Ill.

Roses—Brides and Maids, clean, healthy stock from 2½-in., ready April 1, $2.50 per 100. Kruegger Bros., Toledo, Ohio.

Rooted Rose Cuttings. Brides, Bridesmaids, and Meteors. $1.50 per 100. Bassett & Washburn, Hinsdale, Ill.

Golden Gate, strong 2-in., $3.00 per 100. Perle, 2-in., $2.50 per 100. J. M. Smely, Aurora, Ill.

Send for wholesale list of bardy roses. C. H. Joosten, 85 Dey St., New York.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 50c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2½-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1000. Cash. Benjy Connell, West Grove, Pa.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1000. Jerome Harley, Media, Pa.

Salvias, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2½-in., 2c; rooted cuttings, 1c. W. H. Woodruff, Westfield, N. J.

Salvia Clara Bedman, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SEEDS.

XXX SEEDS—Chinese Primrose; the finest strain grown; large flowering, fringed; 15 varieties; single and double, mixed, 500 seeds, $1.00; half pkt., 50c.

Pansy, finest Giants. The best of the large-flowering varieties; strong growing; seed plants carefully selected. Choice mixture, 4000 seeds, $1.00; half pkt., 50c.

Cineraria. The finest large-flowering dwarf varieties in best mixture; 1000 seeds, 50c.

Cineraria and Obconica Hybrida. Finest giant flowering hybrids; grand; 1000 seeds 50c.
JOHN F. RUPP.
The Home of Primroses. Shiremanstown, Pa.

Cocos Weddellana, fresh seeds at $7.00 per 1,000. Write for wholesale price list of high-class flower seeds, etc., for florists. J. M. Thorburn & Co., 36 Cortlandt St., New York City.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in clusters usually of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground, but is also the most desirable for forcing under glass for winter cut-flowers. The dwarf habit of this variety renders it much more easily grown on the benches, and for winter planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the later varieties the blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts.; per lb. 60cts.; 5 lbs. or more at 45 cts. per lb.
W. ATLEE BURPEE & CO., 475-477 N. 5th St., PHILADELPHIA, PA.

Carlson's improved paeony-flowered aster is the largest of the form known, reaching 4 to 5 inches in diameter. One oz. each of white, pink and lavender, $2.50; large trade pkt., 50c; common pkt., 10c. Cash with order. D. S. Heffron, Washington Heights Station, Chicago, Ill.

Complete line of all new crop flower seeds in store. If you have not received our "Florists' Wholesale List," write for it. W. W. Barnard & Co., 161 Kinzie St., Chicago.

CARBAGE and CAULIFLOWER Seed. FRANCIS BRILL, Specialist, Hempstead, L. I., N. Y.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

SMILAX.

Smilax, 2½-in., $2.00 per 100; $17.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax, 2-in., $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

STEVIA.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

SWAINSONA.

Swainsona alba galegifolia, rooted cuttings, $1.25 per 100; 2-in. pots, $1.75 per 100. Logan Ave. Greenhouses, Danville, Ill.

Swainsona alba, 2½-in. pots, $2.00 per 100. Jerome Harley, Media, Pa.

VEGETABLE PLANTS.

Tomato—Lorillard, Maydower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.00 per 10,000. Add 10c per 100 to above prices if by mail. Brussels Sprouts, 25c per 100. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty, Lorillard and Sutton's Best of All, 2-in., in bud, $2.00 per 100. Lwarf Champion, Mayflower, Sutton's and Beauty, from flats, 15c per 100; $1.25 per 1,000. Lorillard, transplanted, 60c per 100. Lettuce—Silver Ball, 50c per 100; $1.00 per 1,000. Mrs. Griswold, Worthington, Ohio.

Plants for transplanting. Cabbage—Early Spring, All Head, Charleston and Winnigstadt. Tomatoes—Champion, Aristocrat and Stone. 35c per 100, $1.25 per 1000; if by mail, add 10c per 100. W. D. Haag & Son, New London, Ohio.

Plants for transplanting. Cabbage—Wakefield, Winnigstadt, Early Summer and Early Spring. Tomatoes—Acme, Honor Bright, Beauty, Champion and Aristocrat. $1.25 per 1000. G. Guy Swanger, Shiloh, Ohio.

Carmen No. 3 seed potatoes, 75c per bu.; 3 bu. bbl., $2.00. Lettuce plants, 35c per 100; 200 for $1.00, express paid. Cottage Greenhouses, Litchfield, Ill.

Seed sweet potatoes—Yellow Jersey and Yellow Nansemond, $2.00 per bbl.; special price on large lots. Davis Bros., Morrison, Ill.

VERBENAS.

We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest, selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

Verbenas, 40 best mammoth var., 60c per 100; $5.00 per 1000. Verbena plants, strong, full of cuttings, $2.00 per 100; $18.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth Verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1000. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbena rooted cuttings, 35 varieties, 60c per 100, $5.00 per 1,000, express paid; 2½-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Verbenas, 25 grand varieties, strong healthy plants, 2 and 2½-in., $1.00 per 100; $12.50 per 1000. Buckley Plant Co., Springfield, Ill.

Verbenas. Mammoth strain, separate colors. Rooted cuttings, 60c per 100, $5.00 per 1000. Vick & Hill Co., Rochester, N. Y.

Verbenas, best of the mammoth varieties, extra fine, ready for 3½-in., $1.50 per 100. J. W. Miller, Hatton, Pa.

Verbenas, 2-in. pots, $2.00 per 100. Cash or C. O. D. Jos. H. Cunningham, Delaware, Ohio.

Verbenas, 10 choice colors, named, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Verbenas, 3-in. pots, $2.00 per 100. Cash. Thos. Chapman, 501 6th Ave. West, Denver, Col.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca major variegata, well rooted cuttings, $1.25 per 100. Cash with order. Smith & Young Co., 456 E. Washington St., Indianapolis, Ind.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Variegated vincas, transplanted from flats, $1.50 per 100, prepaid. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Vinca, green trailing, 2½-in. $1.50, 3-in. $15.00, variegated, 3-in. $20.00 per 100. Morris Floral Co., Morris, Ill.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

VINES.

Ampelopsis Veitchii, strong 3-year-old plants, pots, 100 $5.00, 1000 $40.00. Ampelopsis Quinquefolia, strong 3-year, field grown, 100 $5.00, 1000 $40.00. Clematis Paniculata, strong 2-year, field-grown, 100 $5.00, 1000 $40.00; strong 3-year, field-grown, 100 $8.00, 1000 $70.00. Honeysuckle, Hall's Japan, strong 2-year, field-grown, 100 $5.00, 1000 $10.00.
THADDEUS N. YATES & CO.,
Mount Airy Nurseries,
7350 Germantown Ave., Philadelphia, Pa.

VIOLETS.

Marie Louise, Lady Campbell and California, strong rooted runners, per hundred, $5.00 per 1,000; from soil, $7.50 per 1,000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Chester Co., Pa.

Strong rooted cuttings of Princess of Wales violets, $6.00 per 1,000. Also all the leading varieties of carnations. Send for price list. Pick & Faber, 1401 Woolsey St., San Francisco, Cal.

Violets, rooted runners. Lowest prices yet. Princess of Wales, $1.40 per 100. Luxonne, $1.80 per 100. La France, $2.60 per 100. Cash with order. Geo. E. Felch, Ayer, Mass.

Princess of Wales. A small surplus of our pedigree stock. Selected cuttings from selected plants, well rooted, $2.50 per 100. Cash. F. W. Fletcher & Co., Auburndale, Mass.

Rooted runners of Marie Louise violets from soil, 60c per 100; $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

10,000 M. Louise violets, 2¼-in., in bud, $1.50 per 100. Morris Floral Co., Morris, Ill.

Swanley White, 2-in., $2.00 per 100. Nanz & Neuner, Louisville, Ky.

MISCELLANEOUS.

Rooted cuttings, per 100: Cuphea (cigar plant), $1.25; Impatiens Sultani, $2.00; Manettia bicolor, $1.50; Tradescantia tricolor, $1.25; Lantanas, assorted, $1.50; Hydrangea, 3-in., $6.00; Manettia bicolor and Impatiens Sultani, 2¼-in., $4.00. Greene & Underhill, Watertown, N. Y.

10,000 sedum variegatum, 10,000 cigar plants, California moss, for baskets, and treslnes, red, all 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Oxalis floribunda, 2-in., $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

TO EXCHANGE.

To Exchange—Rooted cuttings of Ethel Crocker, Mrs. Frances Joost and G. H. Crane, for rooted cuttings of Bride, Maid or Meteor roses. Ours is fine, healthy stock; we want the same. Morton Grove Greenhouses, Morton Grove, Ill.

To Exchange—Will exchange 10,000 rooted cuttings of E. Crocker for Brazil, Crane, Joost or any of the later varieties of carnations. Wm. Swayne, Box 226, Kennett Square, Pa.

To Exchange—100 2-in. petunias 50 dbl. white and 50 dbl. fringed, strong plants, for 50 A. Sprengeri and 50 A. plumosus, same size. J. J. Lawrence, St. Marys, Ohio.

WANTED.

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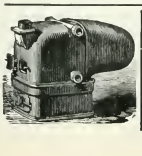

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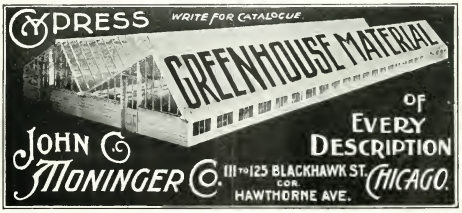

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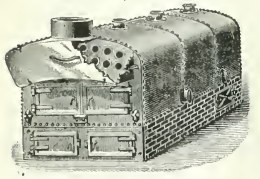

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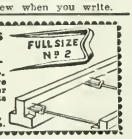

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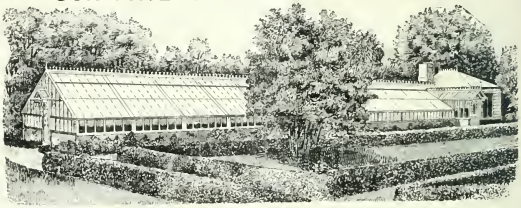

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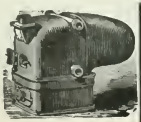

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THE WEEKLY
FLORISTS' REVIEW

CHICAGO,
MARCH 28,
1901.

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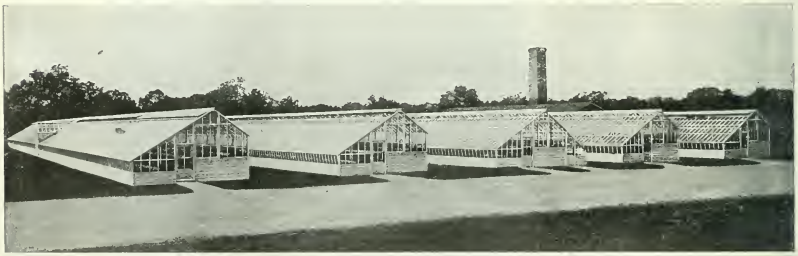

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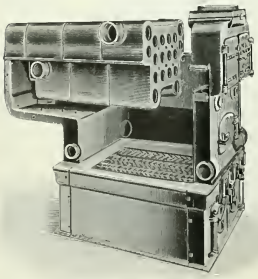

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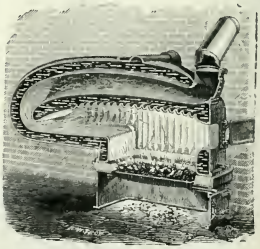

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Vol. VII. CHICAGO, MARCH 28, 1901. No. 174.

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TUBEROSES, extra fine dwarf Pearl, barrels containing 800 and 900 each, $4.00 and $7.00.
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TUBEROUS ROOTED BEGONIAS in separate colors, mammoth bulbs, $3.00 per 100. First size, fine bulbs, $2.50 per 100.
FOR EASTER AND SPRING FLOWERING, all plants are fine shaped and well budded.
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MISCELLANEOUS SEASONABLE HINTS.

With us, spring is here; the robin awakes us in the morning, the croak of the frog greets our ear and the crocus will soon greet our eye. There was little frost penetrated the ground this winter as a continual covering of snow kept it out, so after all it is likely to be an early spring everywhere except on the banks of the Niagara, for we have to go through a six weeks' refrigerating period while the ice of the inland seas passes down the lakes and finally tumbles over the mighty cataract. But this is not altogether a disadvantage as it somewhat retards vegetation and gives more time for our outside gardening and this leads on to what I have in mind.

Pruning Hardy Shrubs.

Perhaps you have not had time or opportunity to prune your hardy roses and shrubs either of your own or your customers. It was a wise man who said the best time to prune a tree was when your knife was sharp, but neglect to prune roses and shrubs during winter or spring would result in very unsatisfactory condition of the plants. Remember the broad distinction between those shrubs that flower at the end of a growth and those that have already formed their flower buds and only need the warm days of spring to expand them. Nearly all our common fruit trees belong to the latter. Among flowering shrubs the lilac, cydonia (Japan quince) and forsythia are well known examples that have already set their flower buds and if you prune them hard you will simply get no flower, only growth.

The hardy roses, Hydrangea paniculata and althea are familiar shrubs that should and must be pruned back to two or three eyes of last year's growth; so long as you leave three good plump eyes the stronger will be the growth and larger the flowers. Many of our shrubs are allowed to grow into gawky, naked objects because they have not been kept down. You may say: "What about those shrubs that you don't prune, the early bloomers?" Prune those as soon as the flower is entirely gone, then they will make a growth and set their flower buds for another year. No better time to prune where it is needed than now.

Herbaceous Plants.

If you did not do all your transplanting in October or November now is a good time, just as soon as the ground is dry; many of them will hardly know they have been moved, but the principal object of moving is to divide, which is quite necessary with many. The center dies out, the soil becomes exhausted and they become straggling, and a move every five or six years is of the greatest benefit, but different genera differ very much in this respect; while a paeony will make a fine clump for years, the helianthus will spread out over all creation.

Bay Trees—Hydrangeas.

Florists who have not had an European experience do not realize how hardy a tree is the sweet bay (Laurus nobilis). We don't all have sheds adapted for their care during winter and have to keep them in our coolest house taking up much valuable room. If they have been kept warm they may feel 10 degrees of frost but if kept cool and they have not started into growth they should go outside at once. If we do get some sharp frosts they are easily laid on their sides and some cloths or mats thrown over them for the night.

The same can be said about the large tubs of dormant Hydrangea Otaksa which are going to be very fashionable. Our customers see them in all their glory at the sea-side resorts and they want them for their home grounds. Hydrangeas that are the slightest bit advanced by the heat of a greenhouse are useless for this purpose for they soon become shabby. They must have been in a basement or root-house or sunken pit and the sooner they get the open air and full light the better so that they can come along slowly as our hardy shrubs do. They don't want any frost but are easily protected if we do get a cold snap and are much better out of doors than in any winter quarters.

Easter.

Every thought and energy will be given for the next few days to getting things in shape for Easter. Little can be added to what has been already said about either forcing or retarding. You will know now without any doubt just how your crops are. There is nothing like being well organized to do the business and do it rightly and satisfactorily to your customers. The least excusable of all omissions is to have dirty pots. You know pretty nearly what is going to sell and it is little labor wasted if you do have a few hundred pots washed that were not actually necessary. If you buy your plants, insist on the grower delivering them all with well cleaned pots.

I cannot recommend any better system than that we have adopted for several years past, viz., to set aside in your most convenient house a space in which each day's deliveries shall be placed and labeled as soon as sold. The man who has head enough to ship out the stuff on the wagons as soon as there is one waiting is a very valuable man but every help should be given him, and if he has a thousand plants to be sent out on Friday, two and three or a dozen to one party it is a great help, in fact a necessity, that they should be all together and not at all mixed up with Saturday's or Sunday's delivery.

We all have to call in help on these busy days that are very inexperienced in delivering and it is a poor plan to trust to their intelligence and thought, so lay things out so that they can't go wrong. We write the name and address on one plant and also on that label the articles going to this address, if more than one, and then on the other plants just the name and address. It is no use saying to the driver, "Here is a lily, an azalea and a rose for Mrs. Mark Hanna." He will say "all right, sir," but with a wagon load it's impossible for him to remember, and the name only makes sure. We know how horrible it is about 7 p. m. Saturday to have Mrs. Rockefeller call you up on the phone and tell you she has the azalea she ordered all right, but the rhododendron did not come and that she had received a pan of hyacinths which she did not order. You could send another rhododendron

A vase of American Beauties at the exhibition of the American Rose Society in New York.

but what poor woman is minus the pan of hyacinths you are not sure, and have no means of finding out unless there is a name and address on every parcel.

We did not find much occasion to dress up plants with ribbon last year, perhaps it is more in fashion in other cities, but we do find that almost every one wants the pots covered with some crepe or fancy paper. This you must do cheerfully for it adds immensely to the appearance of the gift and 90 per cent, of all the plants purchased are sent as remembrances, and how happy we ought to be that plants and flowers have taken the place of the elaborate Easter cards of a few years ago. Let nothing be undone in the way of tying or preparing plants for sale that can possibly be done before the last few days.

There is scarcely any plant so difficult to deliver as an Easter lily; all others that I can think of can be wrapped in paper without the slightest harm, but a lily bruises with the most careful wrapping and if two or three can swing against each other they are ruined, so if they have to go with other plants keep them far enough apart that they can jar against nothing. We have in delivering a wagon load of lilies less difficulty, for then we take ten or a dozen and carefully tie the heads together so that if they swing they all go as one and no harm is done. Let us hope that we have a still day; it is the wind that hurts; a windy day and the thermometer at 50 is worse than 35 if perfectly still.

Cut Flowers.

I leave to others to tell you about the cut flower department but I can tell you that we often all of us make a mistake in saving our flowers for the last grand day when we expect to get rid of them all in a few hours. Easter prices should prevail next Monday and from their on no customer should be refused. What matters when you sell if you get a good fair price for them? I am not going to dilate on the old story of the grower salting his flowers although they are as guilty of it as ever, with of course plenty of exceptions. Send in your stuff early so that the commission man can distribute it to his patrons. William Scott.

AMERICAN ROSE SOCIETY.

Second Annual Meeting and Exhibition.

The second annual meeting of the above society was held in the Colonial room at the Waldorf-Astoria, New York, on Wednesday afternoon, March 20. President Benjamin Dorrance presided. The attendance was not large, not nearly what it ought to be, but it was intelligent, representative, and, most of all, enthusiastic. Probably owing to the presence of many of New York's most influential and beautiful women, the orators of the profession were at their best. There was a most amusingly interesting display of flowers of speech over the location of the annual show. Of course differences of opinion and pride of home have always, will always, exist; they are vital reservoirs of human nature; they have supplied and feed the power and magnificence of our country, and the broadness and usefulness of its institutions.

President Dorrance in his opening remarks very happily reviewed the good work done by the rose society, and his hopes for the future did much to encourage his hearers. The report of the treasurer, John N. May, showed a balance of $2,500 in the funds of the society. The secretary, L. Barron, reported a membership of 205 in good standing, a gain of 36 during the past year; there were thirty-nine life members. The president informed us that one thousand dollars would accrue from membership dues by having this show at the Waldorf-Astoria.

The secretary reported on the particulars of the previous shows, and the results of the last June show rendered it inadvisable to hold one this summer under like circumstances. It was intended to publish and disseminate some useful treatises on the diseases of the rose, and matters pertaining to commercial fertilizers, in the next bulletin to be issued to members of the society. It was hoped the society's medals would be offered at the several rose shows to be held throughout the country. The new H. P. rose, William McKinley, had been registered with the society—and he suggested that some action be taken to cooperate with the S. A. F. O. H. in the matter of registration; he also suggested a change of date for the installation of officers.

A rising vote of thanks was given to the ladies' committee for their work in connection with this year's exhibition. It was decided to abolish associate membership, the only forms now being life membership, $50, and active membership, annual dues $3. Provision was made for a sinking fund, the interest of which is to be used to defray the expenses of the society. This reserve fund is to be vested in a board of five trustees to be elected at each annual meeting. The following were elected to serve for the ensuing year: B. F. Dorrance, John N. May, Henry Clews, Carl Stoeckel and John H. Taylor.

After considerable discussion, on motion of Mr. Taylor it was resolved that the secretary refer all registration of new roses to the S. A. F. O. H. Mr. Taylor gave notice of an amendment to the by-laws changing the date of installation of officers from January to July 1, such motion to be acted on at a special meeting to be held in connection with the society's next summer show. On motion of H. A. Siebrecht the society decided to hold its next exhibition in June at Newport, R. I., if possible in conjunction with that of the Newport Horticultural Society. Mrs. Burke-Roche, one of New York's leading society ladies, tendered the use of her pretty summer home garden and grounds there for the use of the society, and she with Mrs. Richard Irvin and Mrs. W. Storrs Wells were appointed a committee to make the necessary arrangements. (Although June is too early for the Newport season, still the decision to have the rose show there next summer is one of the wisest moves the society ever made and a grand exhibition is assured together with the knitting together of a powerful patronage.)

The meeting assumed its liveliest when the time came to discuss the place for the next March show, and the leaders of the debate distinguished themselves. E. M. Wood started the fun by inviting the society to hold its exhibition next March in the city of Boston. He guaranteed all expenses and assured them of an exhibition equal to if not better than any seen in the United States. Boston was the second largest community in the United States, he said (here there were queries about Chicago, and for a time we were sorry Winterson, Kreitling, Rudd, Asmus and the rest of the Western Indians were not present); taking a fifty-mile radius it had 2,800,000 people; its earning capacity is 70 cents per capita whilst that of all the rest of the communities was only 40 cents; they consequently had 85 per cent more of the wherewith to pay for luxuries than any other city in America. Talk about Boston! They could make as good a rose show in Boston as they could in New York; they had finer roses at the exhibition of the Massachusetts Horticultural Society that week than those they had here. Talk about New York! It was in it to a certain extent, that was all. Mr. Wood caused considerable amusement during his witty and bubbly speech, the ladies especially enjoying his comparisons. He ended by warning the society not to be narrow, not to be local. Philadelphia and Chicago, that great, growing giant city of the West, should get a chance to show what they could do, but he urged them to have the show in Boston next spring.

John H. Taylor said the society was still in its infancy and practically that was the first show of any magnitude it had held. The officers and the executive committee knew what it was to get certain influences working that they may be enabled to carry out what was desired, and now, when they had only succeeded in creating an interest in influential circles, he thought it would be a mistake to take the exhibition elsewhere, at least until they could walk instead of crawl; he moved that the next March show be held in New York City.

Robert Craig seconded the motion, and in support of it said he was convinced after due consideration that New York was the best place for the next spring show. By taking it elsewhere they would but undo what had been accomplished in the past years. He thought that New York had done nobly and was of the opinion that New York was the place for a permanent annual exhibition of the society. He cited the case of the National Rose Society of England holding their show every year in London. (The English society has held shows in cities besides London.) New York was to America what London was to England. He was sure the best interests of the society required the show to be given in New York at least next year. H. Siebrecht thought exhibitions could be held under the auspices of the society in other cities, but that New York was the place to hold the principal show. E. G. Hill said the society should not confine itself to one city, that the exhibitions should be moved from one city to another in order to increase the membership and extend the usefulness of the society. He was of the opinion they could put up a pretty good show in the west. He referred to the extensive establishments in Chicago and in the state of Indiana (whereupon some one remarked that the state of Indiana was in Chicago). He disagreed with Mr. Craig as to the wisdom of making New York the permanent place for the holding of the show and that previous to his coming there he thought it would be wise to try another city. Now, however, from what he had seen and learned he was convinced that the show should be held in New York next March, and he heartily supported that plan. Upon a vote being taken it was decided to hold the next March show in New York.

Benjamin Durfee brought up the matter of judging by the present scale of points. He thought everything should be done to further the interests of the rose growers, to enable them to keep ahead of the carnationists. The present scale was defective; he thought local committees

Some displays at the exhibition of the American Rose Society at New York last week.

ought to be created which could judge roses under conditions other than at exhibitions, and a scale of points be adopted covering the most important qualities, viewed both from the grower's and retailer's requirements; it might be practicable to have an independent scale covering freedom of bloom, keeping and shipping qualities, etc.

Mr. May thought the society was steering a little too close on the point system. He illustrated the danger by referring to a particular case at that exhibition where he considered a great injustice had been done an exhibitor. Paul M. Pierson was of the opinion that Mr. Durfee's proposition was impracticable as methods of treatment and surroundings had much to do with results, and rendered it almost impossible for any set of judges to form correct conclusions. On suggestion of the president the matter of revision of scale of points was left to the executive committee.

The election of officers for the ensuing year resulted as follows: President, F. R. Newbold, Poughkeepsie, N. Y.; vice-presidents, Mrs. Richard Irvin, New York, and Carl Stoeckel, Norfolk, Conn.; secretary, Leonard Barron, New York; treasurer, John N. May, Summit, N. J. Messrs. E. M. Wood and Robert Craig were re-elected members of the executive committee. Mr. Newbold, the president-elect, is a most enthusiastic amateur horticulturist and is well known and admired by members of the trade. The interest he has taken for many years in the Dutchess County Horticultural Society has rendered it possible for that society to hold an annual exhibition in Poughkeepsie. His election to the presidency of the American Rose Society may not suit every greenhouse worker but the society has done a wise thing and we are sure will not have cause to regret it. We hope they will not dismiss the man who has worked so hard for the past two years without some show of appreciation but that of a formal vote of thanks.

What's the matter with having an annual dinner in connection with the show? Many were of the opinion that one should be given. It is true, too imposingly true, that there are too many societies, especially in New York, anyhow. Of course every society is doing good work but when one comes to figure up the cost of belonging to all it becomes almost startling. Pity it seems that most of them could not be welded together; economy and greater usefulness demand it. However, there is no good reason why every one owning a business which depends more or less on the rose should not join this most useful society. The dues could be made much less and instead of it having a membership of 200 it should have several thousand. The society certainly deserves the support of growers, nurserymen, wholesalers, retailers and all who depend on or love the rose.

The Exhibition.

Under a most formidable patronage representing the wealth and all its power and influence in New York, Boston and Baltimore, set in rooms which are admittedly the handsomest public rooms on the continent if not of the world, the second annual exhibition of the American Rose Society opened here at the Waldorf-Astoria, on Tuesday afternoon, March 19, and closed on Friday night of the same week. From a superficial examination of the names, the place, the city, and the many connections with this show, the "far-aways" would naturally picture it as an assured tremendous success. Alas, such was not the case. It was a gigantic paradox. A great success as an exhibition of American rose growing, for the roses, what there were, were magnificent. A success for the future of the American Rose Society, because a greater interest has been awakened among the wealthier classes, but from a business, financial and artistic point of view it was a failure.

Pity it was (and we sincerely hope for the benefit of the society the lesson has sunk deep) that the active membership of the society did not do the planning and managing of the exhibition. We were informed on very good authority that the expense of laying out the grand ball-room for this occasion reached over $1,100, and what was it like? The ladies' committee wanted something unusual and they were given full sway. An architect and a landscape engineer were given full privilege to execute their dreams, and the result was advertised to be "an ideal Italian rose garden" (why Italian we may never know). As we have previously stated the best artists of the country are responsible for the permanent decorations of this ball-room. The rose show architect built at one end a semi-circular colonnade of Roman pillars, fifteen feet high, and over them put a trellised roof similar to the kind seen in beer gardens. The landscape engineer surrounded the room with a twenty-foot hedge of junipers and in the center of the room four rectangular beds outlined by the same material. Two of these beds were filled with roses in pots, the other two with a miscellaneous assortment of flowering plants. In one corner of the room a lot of Japanese junk was framed off to simulate something from the

Orient. Where the Italian rose garden was we failed to discover. The only thing apparent was a great display of ignorance, dearly paid for by the American Rose Society.

The real exhibition was held in the conservatory, the Astor gallery and the Myrtle room. The carnation display was an exceedingly good one, no better blooms were ever shown. All the great new ones were there: Prosperity, not for competition but defiant in grandeur; Governor Roosevelt, a magnet of attraction, and Morning Glory covered itself with glory. Mr. Ward's several new seedlings, Dorothy Whitney, Viola Allen, Harry Fenn, Golden Beauty and others, received praise from the most critical. The carnations were in a cool place and kept in good condition for the four days. The rose exhibit was arranged in a long bed on the floor in the center of the Astor gallery. There might have been 20,000 cut roses staged. Very few of the old varieties were seen, just one vase of dear old Bon Silene, about six poor specimens of Marechal Niel, two jars of Papa Gontier, one or two of De Watteville, some of Hoste, Perle, Sunset and Moss; the rest, with the exception of the very new claimants, were of the sorts to be seen in every wholesale house. The quantity and quality of the American Beauties shown here, though, has never been equaled anywhere. They were grand beyond description and gave the judges lots of trouble. There were no hybrid perpetuals shown. It seems strange that many of our largest growers who are devoting time and money to these events cannot spare a small section of their immense establishment to the growing of a few special varieties of roses for these shows. One thing was forcibly demonstrated, that the best roses shown were grown outside the 150-mile radius of New York. Those from the Dale Estate, Brampton, Ontario, were finely interesting, and Utica did nobly. The Penn. boys can always succeed in winning if they set about to do it.

No definite awards were made until the second day, which occasioned considerable adverse criticism. The room was warm. Men from a distance wanted to get home the same night, and many roses far ahead on the first day were, through no fault of the exhibitors, away behind on the second day.

The retail section was poorly represented, and the work they offered was worthy of some village. Exhibits from private gardeners were almost exclusively confined to a few good men at Seabright, N. J. All honor to Messrs. Butterbach, Hale, Wengerter, Dowlen and Kettel from that section; it is not the first time they have distinguished themselves. There were several protests against the judging recorded. Mr. Warendorf's wedding and mantel decorations were deservedly considered unworthy, though the only ones put up; the best steamer basket was ruled out because the flowers were in water, and so on. There will always be kicking. The retailers are not altogether in the wrong: leave them to make their own classes and select whom they consider competent judges and things might be more creditable.

The greatest amount of praise is due the officers who worked day and night in order to make the affair a success. Admission the first day was $5 and $1 each succeeding day. J. P. Cleary auctioned off a considerable lot of plants on Thursday night and the cut flowers on Friday night. The Beauties, after being four days in the place, were sold for ten cents each, other stock brought good prices and a considerable sum was thus added to the general fund. The treasurer, Mr. May, informed us that owing to a great many tickets being out among the patronesses, the financial end of the show would not be known for some time. The tickets sold at the door, however, fell far below expectations.

Following is a list of the awards:

Section A—Open to All. Twenty-five Blooms.

American Beauty—First, Myers & Samtman, Philadelphia; second, J. Heacock, Wyncote, Pa.; third, H. Hentz, Jr., Madison, N. J.

Bride—First, J. H. Dunlop, Toronto; second, H. Hentz, Jr.; third, Dale Estate, Brampton, Ont.

Bridesmaid—First, Dale Estate; second, J. H. Dunlop; third, H. Hentz.

Meteor—First, J. H. Dunlop; second, Dale Estate.

Mrs. Pierpont Morgan—First, Dale Estate; second, J. N. May.

Mme. Hoste—First, Dale Estate.

Perle des Jardins—First, Dale Estate.

Sunset—First, Dale Estate.

Golden Gate—First, American Rose Co., Washington; second, J. H. Taylor, Bay Side, New York.

Mme. Chatenay—First, American Rose Co.

Papa Gontier—First, J. N. May.

Bon Silene—First, J. N. May.

Lady Dorothea—First, J. H. Dunlop.

Liberty—First, Taylor.

Section B—Growers Having Not More Than 20,000 Feet. Twelve Blooms.

American Beauty—First, Richter & Barton, Madison, N. J.

Bride—First, Righter & Barton.

Bridesmaid—First, Richter & Barton.

Papa Gontier—First, P. R. Quinlan, Syracuse, New York.

Section C—Open to Private Gardeners, twelve Blooms.

American Beauty—Second, J. Dowlen.

Bride—First, G. H. Hale; second, N. Butterbach; third, Dowlen.

Bridesmaid—First, H. Kettel; second, Hale.

Kaiserin Augusta Victoria—Second, J. Dowlen.

Mrs. Pierpont Morgan—First, Hale; second, Dowlen.

President Carnot—First, Dowlen.

Perle des Jardins—First, W. L. Stow; second, Dowlen.

Golden Gate—First, Stow.

La France—Second, Dowlen.

Marechal Niel—Third, O. McIntosh.

Section F—Open to Private Gardeners. Single Specimen Blooms.

American Beauty—First, Hale; second, Stow; third, Dowlen.

Bride—First, Hale; second, Dowlen; third, Butterbach.

Bridesmaid—First, Hale; second, Butterbach.

Kaiserin Augusta—Second, Butterbach.

Mrs. Pierpont Morgan—First, Hale; second, Dowlen.

President Carnot—First, Dowlen.

Perle des Jardins—First, Stow; second, Dowlen.

Golden Gate—First, Stow.

La France—Third, Dowlen.

Mrs. Robert Garrett—Third, Dowlen.

Marechal Niel—Second, Butterbach.

Liberty—First, Butterbach.

Any Other Disseminated Variety—First, Butterbach.

Section G—Open to all Groups, Plants.

Display of roses in pots arranged for effect and covering 50 square feet—First, H. C. Steinhoff; second, H. A. Siebrecht.

Single specimen plant in not larger than 8-inch pots (climbers excepted)—First, Steinhoff.

Climbing Rose in Pots—Specimen in tub or pot (not less than twelve inches): First, H. C. Steinhoff; second, Siebrecht & Son.

Standard, single specimen plant—First, Steinhoff.

SECTION H—Novelties. .. ..

Certificates to Queen of Edgely, Robert Scott, Ivory and Florence Pemberton.

Six blooms of any variety, introduced since 1898—First, J. N. May, with Mrs. Oliver Ames.

SPECIAL PRIZES.

The Steeckel Cup for 36 garden roses in pots was awarded to Siebrecht & Son, New Rochelle, New York.

The Asmus Prize for 50 blooms of Liberty was taken by B. Dorrance.

The Taylor Cup for best vase of any new rose was won by the Queen of Edgely, from the Floral Exchange, Philadelphia, Pa.

The Michell Cup, of H. F. Michell, Philadelphia, Pa., in a close competition, was ultimately taken by B. Dorrance, Dorrancetown, Pa., for best display of cut roses, grown 150 miles or more from New York City.

Hitchings Cup, $100, to Peter Crowe, Utica, N. Y., with Bride.

Stow Cup, for long-stemmed American Beauty Roses, was won by Mr. Stow's own gardener, who exhibited blooms of very superior quality on stems of surprising length.

Display of Bulbous Plants, Mr. Newbold's Prize: First, Cornelius N. Bliss, Gardener N. Butterbach, Oceanic, N. J.; second, Siebrecht & Son.

Mrs. Henry Clews' Prize for 50 White Roses: First, American Rose Co.; second, Peter Crowe, with Ivory and Bride respectively.

Mrs. Richard Irvin's prize for Moss Roses: J. N. May, first; Siebrecht & Son, second.

Young & Nugent's Cup for 50 Bride and 50 Bridesmaid, went to H. Dale Estate, Brampton, Ont., Canada.

American Beauty Roses, 50 blooms on not less than four-foot stems, in strong competition: H. Hentz, Jr., first; L. A. Noe, second; J. Heacock, third. The Lord & Burnham Challenge Cup, value $250, was taken by H. Hentz, Jr., in the above class.

For 50 Blooms, any variety, Beauty excepted: First, American Rose Co., with Ivory, and second, J. H. Dunlop, with Meteor.

The Blair Cup for 100 Roses, was won by B. Dorrance with Liberty.

Miss Child's Prize for Mignonette: First, J. N. May; second, H. Spavins, Mt. Kisco, New York.

Bartlett Cup for collection of Orchids: J. Roehrs, Rutherford, N. J.

Dreer Cup, by the H. A. Dreer Co., Philadelphia, Pa., for decorative plants, to Cornelius N. Bliss, N. Butterbach, gardener.

Mrs. Loomis' Prize for pot Roses was taken by Siebrecht & Son.

Miss Callender's Prize for Carnations, dark red: First, C. W. Ward, Queens, N. Y.; second, J. N. May; third, J. H. Taylor.

Mrs. Gambrill's Prize for best new plant was won by H. A. Dreer & Co. with Pandanus Sanderi.

Mr. Berwind's Prize for ornamental plants, 100 square feet: First, Siebrecht & Son; second, H. L. Terrell, Gardener J. Dowlen.

The American Line Steamship Company's Prize for arrangement of flowers for steamer use was won by Warendorf, New York City.

Mrs. Burke Roche's Prize for decorative plants, gardeners only, was won by H. L. Terrell, Gardener J. Dowlen.

Mrs. Burke Roche's Prize for Lily of the Valley: First, E. G. Asmus; second, Siebrecht & Son.

Mrs. Storrs Wells' Prize for Gardenias, Siebrecht & Son.

Mrs. Burke Roche's Prize for collection of Carnations: First, C. W. Ward; second, J. H. Taylor.

The S. Burns' Prize, for 200 blooms of Mrs. T. W. Lawson Carnations was won by Peter Fisher, Ellis, Mass.

Mrs. C. Alexander's Prize for 50 blooms of Lawson: Peter Fisher.

Mrs. W. Douglas' Prize for display of Violets: First, O. Van Roden; second, H. Dale Estate.

Mrs. Mason's Prize for table decoration, lady for eight covers: Siebrecht & Son.

Mr. Mushenheim's Prize for table decoration: J. H. Small & Son, New York.

Mrs. Cleveland H. Mackay's Prize for mirror decoration of Orchids: Siebrecht & Son.

The Dutchess Co. Hort. Society Prize for wedding decoration: Siebrecht & Son.

A final certificate was awarded to the Queen of Edgely, which kept in splendid condition up to Friday night. Preliminary certificates were awarded to Robt. Scott & Son for Florence Pemberton, a very large rose after the color, form and growth of Golden Gate, and to their new rose, Robert Scott, which showed up finely and was greatly admired. The American Rose Co. got one for Ivory, or the White Golden Gate, and B. Dorrance one for his new rose Sarah Nesbitt. The New York Botanical Garden arranged an interesting group of plants, as did also W. A. Manda, of South Orange.

There were a great many noted visitors in attendance. The official judges were P. Breitmeyer, H. Small, E. Buettner, James Blair, Chester Davis, W. Doyle, W. K. Partridge, H. Hentz and J. W. Withers. J. I. D.

If you don't find what you want in our classified advs. let us know and we will ascertain for you where you may get it.

Cambridge, Mass.—A. F. Coolidge reports that pinks have sold fairly well all winter, but violets have been a drug on the market. Easter is expected to better conditions.

CARNATION NOTES.

Easter Prices.

Most of us are now trying to get an idea of how many carnation blooms we shall be able to cut during the week preceding Easter, so we can know how many orders we can safely accept. If we could depend on a certain amount of sunshine we could just about tell how many blooms there will be; but the weather is so uncertain during these two months of March and April that one can not tell from one day to the next what the weather will be like. It also makes it unsafe to save up the blooms too long, as the last week before Easter is liable to be quite warm, and blooms that have already been kept a week will not last in good condition through another week of warm weather. grumble at paying Easter prices for poor stock that is to be used a week before Easter. The most satisfactory way we have found is to ship in your blooms regularly and begin charging Easter prices on Monday morning, and give your customers notice a few days ahead. By giving the plants a few degrees of extra heat you can force out a good many more blooms, and it will be much more satisfactory all round. You may be able to force your customers to take your saved up blooms at a high figure, because perhaps they have been depending on you and they have to have the blooms to help them out, and you may pat yourself on your back and say, "Old man, you worked them that time"; but pretty soon you will be wondering why these same customers are not buying much from you, [illegible] early yet as the ground is cold and wet and we shall have several hard frosts yet and much rain [illegible] before we can lay our plans now so that when planting time comes we will be prepared to go right at it systematically, as it is a big job with most of us and it should be done in the shortest time possible. Keep the young stock growing and shift all those that need it to keep them from getting pot bound and stunted. They will have to remain inside at least three weeks yet, and many of them will not be out before two weeks after that. Pinch them, too, as it may be needed to keep them bushy. I know you are as busy now as you can be, but that is no excuse for neglecting your next season's stock. Hire more help if it is necessary, but by all means keep your young stock in good condition.

The Carnations at the Exhibition of the American Rose Society at New York last week.

I think, though, growers ought not to be too greedy and not try to save their blooms unreasonably long, as many growers always do. Prices usually go up a week before Easter, and the growers should be satisfied if they get the advanced prices for all they can cut during a whole week before Easter and not try to save all they cut a week before the prices go up.

Haven't you ever noticed how scarce stock sometimes is about ten days before Christmas or Easter? Those prices are really only meant for stock that is to be retailed for that special day, and prices are advanced a week before so that the grower can share the good prices with the retailer, who can not now buy up a lot of stuff while it is cheap and save it in good condition until he needs it for his Easter or Christmas sales. But the grower should not impose upon him by selling him a lot of stock on Monday that has to be gotten rid of by Wednesday in order to keep from losing it altogether.

Many retailers are obliged to buy up all the stock they can get hold of during the whole week in order to have enough to fill their orders, and if they get fresh stock it works all right; but the sales early in the week are light and people and when you ascertain the reason it will be because they are buying from someone by whom they expect to be better treated.

Temperature and Moisture.

Just now we are having bright, sunny days and high, dry winds, which are extremely trying on our carnation plants after the many cloudy days we have been having all winter. This has been a very dark, cloudy winter all the way through. Do not open the ventilators more than is necessary to keep the temperature below 80 degrees, and dampen the walks to keep the atmosphere moist. The dry wind will them more than the sun. This will be necessary only a few days, as the growth will soon become hardened and able to stand the bright sun and all the air there is. Notice the condition of the soil each day so there will be no very dry spots, as the blooms will soon begin to come small if the plants are allowed to suffer from drouth on warm, bright days. The reds will come light in color and many of the pink varieties will look washy unless they have plenty of water.

Preparing for Planting Out.

These warm days make one begin to think of planting the young stock in the field. Of course, it is several weeks too

Preparing the Ground.

We always plow our field twice each year, once late in the fall after all the plants are dug, and we plow as deeply as possible this time, so that the frost during the winter can penetrate deep down. Toward spring and while the ground is still frozen enough to bear up the wagon we spread on a coat of manure and in spring as soon as it is dry enough we plow it in, but we plow only about one-half as deep as we do in the fall, so as to keep the manure near the surface, where it will keep the ground mellow and the roots can reach it to feed upon. The distance between the rows must depend on how you intend to cultivate them and the amount of ground you have to plant on. Some growers use a horse and shovel plow and the rows in that case must be at least 24 inches apart, but we use a hand cultivator and our rows are 15 inches apart, which is plenty. These cultivators do the work much quicker than the old fashioned hoe, but of course you have to go over them once or twice in a season and weed between the plants. The plants are set 8 to 12 inches apart in the row according to variety. To those who only plant a few thousand and have plenty of room, a few inches each way

does not seem of much importance, but when you plant out from 50,000 to 100,000 it amounts up, and an acre, more or less, of ground to tend makes some difference in the labor bill, especially if the season is wet and the weeds grow like they did through these regions last summer.

Do not plant carnations on the same ground year after year if you can help it. Every second or third year is much better and work in a good lime dressing before each carnation planting. If you have much stem-rot you should not plant carnations on that ground again for several seasons, and, better still, never again, as you are likely to be troubled again and perhaps worse than before. It pays to plant out early, but do not try to work the ground before it is dry enough to crumble when it is turned over. If it is worked too wet it will remain stiff and cloddy all summer and only next winter's frosts will make it friable and fit to grow good plants again.

A. F. J. Baur.

JUDGING ROSES BY POINTS.

By Benj. DuPree.

Read before the American Rose Society Mar 20

Mr. President and Gentlemen—What does this exhibition emphasize this year more than ever before? That you must encourage by every means in your power the Canadian, Western and Southern contingents in their efforts to preserve sovereignty for the rose. Bold and aggressive warfare against this numberless army of carnation seedlings that is besetting our citadel and sapping and mining us with all the dashing vigor of youth. In our conscious superiority we had sunk into a peaceful, rather benignant and patronizing attitude. Centuries of undisputed sway have made the present generation of rosarians believe their coats of mail impenetrable. We need armor plate now.

But we must "up and at them, boys." We must change front and from a war *of* roses it must be a war *by* roses. We are willing the carnation should occupy a modest standing, but let it beware of assaulting our stronghold and attempting to usurp the queenly robes. Roosevelt and Prosperity are high-sounding titles and they are needed if you would gild the modest pink, but the rose, the gorgeous rose, even "by any other name," must dominate.

You may broaden the petals of your carnation, and lengthen and stiffen the stem; you may rival the kaleidoscope in colors, and still the carnation is a "light and airy nothing." You talk about your four and five-inch flowers, they are but soap bubbles and collapse as quickly. I venture the assertion that good old La Purite or Peerless in point of substance would outweigh most any of today's favorites. Put one American Beauty in the scales and see it weigh down a dozen, aye two dozen, of your boasted leaders with pedigrees prolonged. Put one Beauty in a room and it bathes your senses with its fragrance. It seeks you. It is not ruled—it rules. But what of the carnation? We must hunt for the perfume.

Size, beyond a good standard 2½ to 3-inch flower is not what the commercial grower wants in a carnation, but freedom of bloom and beauty of color. He does not want, nor does the public, a carnation so large that its weary and sleepy air must contribute pain rather than delight. One would imagine that many of the modern carnations had made their home with poppies.

But, Mr. President, I rose to speak a few words concerning the scale of points for judges, as applied to novelties which we, as a society, have adopted. What are they? Size, color, stem, form, substance, foliage, fragrance and distinctiveness. In other words they are the elements that are open to observation such as this exhibition permits. A few hours of rather hasty and perhaps confused effort of the judges may enable them to fairly apply this scale to the exhibits. But when you have awarded the medals and certificates, how much weight will they carry to the cautious and observant grower and retailer? Scarcely any, and why? Because the most vital and necessary conditions are unknown, viz.:

Freedom of Bloom,
Keeping and Shipping Qualities,
Health and Vigor.

Without a certificate as to these qualities I predict that the first sale of future novelties in carnations and roses will be reduced to the smallest possible figures, not at all commensurate with the success which a worthy novelty should and would command if properly endorsed.

It is imperative that this society should adopt some method by which certainty on these points shall form a part of the decision of the judges, or otherwise the profit for the grower of novelties, which is the great stimulant to advancement, will be of the past. You may ask me why, and I reply that under our scale of points the award might be made of 100 per cent, and yet the novelty be commercially valueless. It is our province to protect the growers and retailers against such results. We must so affix our seal to such novelties in this line that it shall be a sign manual of commercial excellence under fair and careful conditions of culture.

The hollow gold statue of Maude Adams is being exhibited throughout the country as "All Gold." Don't let our certificates and medals become but hollow mockeries. Cannot this accurate certificate be secured in some way? Is it not possible to accomplish this through an active and continuing committee, by personal observation, sub-divided for localities so as to secure a minimum of expense? Would not any introducer of a novelty be more than willing to pay the cost of such personal investigation at different periods of the growing of the novelty, through such a committee of this society?

This is offered as a suggestion for the men of ripe and mature judgment in the society, and with the most sincere desire to enlarge the field of profit to the introducer, by restoring the feeling of confidence in the grower which has been slowly but surely undermined through "being bit," and to make the verdict of our society unimpeachable.

It might perhaps be more practicable to have an independent scale of points to cover the elements of freedom of bloom, freedom from disease, keeping and shipping qualities, of which the introducer might avail himself at his option and at his own expense, to strengthen the exhibition certificate.

Quincy, Ill.—F. W. Heckenkamp will add a new house for carnations, and Jos. Kroner one for roses.

When you want to buy any stock our classified advs. will save you time and money.

CHRYSANTHEMUM NOTES.

Raising new varieties from seed is an interesting pastime, and if one has the time and inclination and no great desire for financial returns, he will find this a fascinating experiment.

I say, if he has no great desire for financial returns because there isn't much money in it. Out of a batch of a thousand seedlings you may not get more than one or two, and possibly even none at all that would be worth naming unless you were indifferent as to your future reputation.

There are one or two men in this country who have been doing good work in the raising of new seedlings, crossing in a systematic manner standard varieties, but they are very few, and the work here does not seem to arouse the general interest that it does in France and Australia. The latter country seems to be going into it very extensively, and many new varieties that are being raised in England are from Australian saved seed. A new variety of Pockett's is, I see, named Lady Roberts, a rich crimson with gold reverse. Canada also has raised and named its Lady Roberts, which is a white variety, so by and by I suppose they will clash. Many of the Australian and French varieties are useless here, because the commercial instinct predominates and only clear, decided colors sell readily in our markets. So many of the varieties that are unsurpassed for exhibition flowers are practically useless for commercial work, and they sink into an early grave.

Mons. Chenon de Leche is a great favorite of mine as an exhibition flower. It was raised by Calvat, if I remember correctly, and is a very peculiar color, crushed strawberry shaded yellow is about as near as I can come to it.

Kate Broomhead is another good exhibition variety of peculiar color, which is a sort of golden amber, a very vigorous variety.

Mr. T. Carrington is an immense flower of carmine rose color. While the color is very dirty when placed alongside a good pink, as an exhibition flower it is a whopper.

Harking back to raising new varieties from seed, if the reader is proposing to go into it, he should sow his seed at once. Either Japanese or home saved seed can be procured from a good seedsman. Use nice, light soil and place in a temperature of about 60 degrees. When the seed is germinated and the young plants begin to grow, gradually harden them off and prick them out into flats. When large enough they could be planted outside and lifted in the fall before frost. It is astonishing the diversity of forms and colors a batch of seedlings presents, most of them, of course, reverting back toward the primitive yellow flowered Indicum.

Possibly you may get one that will make Timothy Eaton look like 30 cents or less. It is always best to look at things with optimistic eyes. If you do get a good one, of course you will name it after yourself or your wife, with all becoming modesty, and wish you were in England, where the guileless nurseryman puts out his new variety at 7-and-6 or 10 shillings per plant, expressage and packing extra, and yet we think those fellows are slow over there.

Brian Boru.

Rhinebeck, N. Y.—H. Stewart will start in business here as a violet grower and will shortly erect two large houses.

House of Bulbous Flowers Grown by Peter Weiland.

BULBOUS FLOWERS.

The accompanying engraving is from a photograph of a house of bulbous flowers grown by Peter Weiland at his father's establishment in Evanston, Ill. He has been very successful with bulbous flowers and in response to a question says:

"I don't believe in attempting to force tulips or daffodils before Jan. 2. I generally start the first batch on that date, setting them under the bench for a few days, and then placing on heating pipes until almost ready to open. Then they go up on the bench."

THE PHILADELPHIA SHOW.

The spring exhibition of the Pennsylvania Horticultural Society was held last week in Horticultural Hall. The plants and flowers shown were well grown, the color effects were beautiful, and the arrangements excellent. The society is doing good work for the advancement of horticulture, and to many of its members these spring shows are second in point of interest only to the fall exhibitions. The standard of excellence as seen in this instance was a little higher than in the past, which is something to be proud of.

The features of the main hall were the groups of foliage and flowering plants, beautifully arranged with quantities of spring flowers brightening up the tropical green. These groups were shown by Francis Canning, Joseph Hurley, John Thatcher and Westcott's Nurseries. The stage was banked with specimen plants of Latania borbonica. On one side was an Easter window by Jos. Kift & Son, effectively arranged with foliage, flowers and ribbon and brightly lighted from above. On the other side was Robt. Craig & Son's exhibit of carnations, fancy varieties well grown. The rest of the hall was filled with plants, nearly all in full bloom, the large specimens on the floor, the shorter ones arranged on tables, the general effect being rich to a degree.

Curiously enough the plant that impressed me most was not an azalea, genista, spirea or cineraria, but a huge Chrysanthemum frutescens! Yes, you may well smile, only a common Paris daisy, but grown as I have never seen a daisy grown before. Perfect in form and foliage, with hundreds of open flowers and more buds than flowers.

Pandanus Sanderi, shown by H. A. Dreer, made its first bow and received a silver medal as the first act of a specially appointed committee. This committee is formed of experts who are recognized authorities each in his own line and is intended to give proper examination to all novelties shown before the society. The plan is for intending exhibitors of novelties to notify Secretary Rust one week before a meeting of the society at which the plant is to be shown. These meetings are held on the third Tuesday in each month. The novelty must be staged at 3 p. m. on that day, in order to be judged by daylight, and must remain for the regular exhibition, which begins at 8 p. m. The week's notice is to enable Secretary Rust to get the committee together, and not as in the past to have to select judges from among those present. The committee has for its chairman Edwin Lonsdale, a recognized authority on plants and flowers and who has made a special study of most of the novelties recently introduced. The other members of the committee are each specialists in their line, the mere mention of whose names carries confidence in the ability and fairness of their decisions.

To return to the exhibition. The bulbous stock was shown in large pans, proving a feature. Daffodils, tulips, Dutch and Roman hyacinths, valley, all done in a way to delight the hearts of each and every member of the invading army of foreign salesmen that G. C. W. mourns so forcefully.

H. Weber & Sons, Oakland, Md., had a fine lot of carnations, including a vase of 100 Lawsons, grand flowers. The only roses that didn't go to New York were two vases of Ivory (white Golden Gate) from the American Rose Co., Washington, and one vase of Beauties from Adolph Fuhrenwald, of Hillside, Mont. Co. The former is a pretty thing that has some good points, the latter were fine blooms with long, heavy stems.

Three seed firms, Dreer, Landreth and Michell, had exhibits of seeds, bulbs and implements in the hall at the foot of the main stairway.

What the attendance lacked in quantity (the weather was very unfavorable on Wednesday) it made up in quality; everybody seemed appreciative of the really good show.

PRIZE WINNERS.

The following is a list of the prizes awarded by the judges, consisting of J. W. Colflesh, chairman; W. A. Manda, Joseph Hurley, Chester Davis and James Verner:

Orchids, display of plants and cut flowers, arranged for effect—First prize, $25, to Alphonse Pericat, gardener to Mrs. George B. Wilson.

Ferns, specimen plant—First, to Joseph Hurley, gardener to Mr. James M. Rhodes.

Azaleas, six plants, six varieties—First, to John Hobson, gardener to Mr. Edward A. Schmidt.

Azaleas, two plants, two varieties—First, to John McCleary, gardener to Mr. William Weightmann.

Genistas, three plants First, to George Robertson, gardener to Mr. Clement B. Newbold; second, to Francis Canning, gardener to Mr. Samuel T. Bodine.

Zonal geraniums, six plants, six varieties—First, Joseph Hurley; second, William Robertson, gardener to Mr. John W. Pepper.

Zonal geraniums, specimen plant—One prize, Joseph Hurley.

Roses, specimen plant—One prize, George Robertson.

Astilbe, six plants, three varieties—First, Ernest Schreder, gardener to Mr. William L. Elkins; second, Joseph Hurley.

Marguerites, one plant—First, Joseph Hurley; second, George Robertson.

Primroses, English hybrid, three pans—First, John McCleary.

Pansies, four pans—First, Joseph Hurley; second, John McCleary.

Daisies (Bellis Perennis), two pans, John T. Whittaker, gardener to Mr. Charles F. Lennig; second, John McCleary.

Begonias, flowering varieties, three plants, three varieties—First, John Thatcher, gardener to Mr. Edward Le Boutillier; second, Joseph Hurley.

Begonias, flowering varieties, specimen plant, one prize Joseph Hurley.

Calias, six plants—First, William Robertson; second, John McCleary.

Violets, four pans—First, William Robertson; second, John Whittaker.

PREMIUMS OFFERED BY H. WATERER.

Hyacinths Six pots, six varieties, three bulbs to a pot, first, Joseph Hurley; second, William Kleinheinz, gardener to Mr. P. A. B. Widener.

Narcissus, single—Six pans, six varieties, first, Joseph McGregor, of Darby; second, Francis Canning.

Tulips—Six pans, six varieties, first, Joseph McGregor; second, Thomas Holland.

Lily—Specimen plant, Longiflorum or Harrisii, first, Joseph Hurley; second, Thomas Holland.

OFFERED BY HENRY F. MICHELL.

Cineraria Hybrida—Three best plants, first, George Graham, gardener to Mr. Charles Hartshorne; second, Joseph Burley, gardener.

Calceolaria Hybrida—Three best plants, first, Charles Uffer, gardener to Mr. Robert H. McFadden.

Hyacinths Twelve pots, Roman, either in pots or pans, first, William Kleinheinz; second, Joseph Burley.

Cyclamen—Three best plants in bloom, first, John Thatcher.

Lilium Harrisii—Three best plants, first, Thomas Holland; second, William Kleinheinz.

Narcissus—Von Sion, double, six pots, one variety, Thomas Holland.

D. LANDRETH SON'S PREMIUM.

Primula obconica grandiflora, six plants—First, John Thatcher, second, Christian Warnker, gardener to Mr. H. B. Ellison.

Cineraria, six plants One prize, Joseph McGregor.

Croton, specimen plant One prize, Joseph Burley.

Hyacinths, six pots and six pans, six varieties—One prize, Francis Canning.

HENRY A. DREER'S PREMIUMS.

The prizes offered by Henry A. Dreer, Inc., were open to private gardeners and amateurs only.

Hyacinths, White Roman, three pots or pans—First, Joseph Burley, second, John McGregor.

Jonquils, two pots or pans, in two varieties—First, Joseph Burley.

Freesias, two pots or pans—First, Joseph McGregor; second, John McCleary.

Lily of the Valley, two pots or pans—First, Robert Forrest, gardener to Mr. Beauvean Borie; second, John H. Dobbs, gardener to Mr. H. S. Hopper, Narberth.

OFFERED BY R. & J. FARQUHAR & CO.

Cyclamen, best six plants in bloom—First, John H. Dobbs; second, George Robertson.

Primula Chinensis, best six plants in bloom—First Francis Canning; second, Joseph McGregor.

OTHER AWARDS.

Vaughan's prize for pansies, Joseph McGregor.

Plant decorations, open to private gardeners only, decoration of growing plants, to occupy not over 100 square feet of space—First, Francis Canning.

Vegetables, open to growers of exhibits only, best general display of not less than twelve sorts—First, John McCleary; second, William Robertson.

Special prizes were awarded as follows: To Joseph Burley, for group of flowering plants; certificate to Thomas Holland, for Cineraria stellata; prize to Westcroft Nurseries, for group of decorative plants; certificate to William Robertson, for specimen plant of geranium; certificate to John McCleary, for group of flowering plants; silver medal to Henry A. Dreer, for the new Pandanus Sanderi; certificate to William Thatcher, gardener to Mrs. John Gardiner, of Boston, Mass., for new asparagus; prize to Joseph McGregor, for best exhibit of hyacinths showing most skill in culture.

PHIL.

CHICAGO.

The Market.

There is at present little change from last week aside from a trifle sharper demand for roses at the previously ruling rates and an increase in the scarcity of white carnations. The gloomy weather continues and if we are favored with a few sunshiny days just before the coming holiday there would undoubtedly be a large increase in the supply at the right time, but stock may be a little soft. At present Beauties are of good quality and are in brisk demand, as are also good long Brides and Maids, though the shorts are inclined to hang a little.

Lilies are moving well and present rates are nearly up to Easter quotations. We hear of several big lots of lilies not previously reported, but it is still evident there will be none too many though possibly not the serious shortage feared at one time. There will be an abundance of Dutch bulbous stock of good quality.

All the wholesalers have already booked large advance orders for Easter and the business for this holiday is confidently expected to break all records.

Various Items.

Mr. Peter Reinberg says that during and after the heavy snow storm he had a great deal of glass broken on the old style wooden gutter houses by melting snow and ice, but that not a single light was broken on the Garland iron gutter houses. He thinks the iron gutters made excellent returns on the investment in this way. It is the starting of the melting at the gutter instead of at the ridge, permitting no accumulations to later slide down, that makes the difference.

A. Dietsch & Co., manufacturers of greenhouse building material, report business far in excess of last year. Though glass continues to soar above the five dollar mark, building seems not to be checked.

A bill has been introduced in the state legislature at Springfield looking to the consolidation of all the park boards into one of seven members, to be known as the Board of Public Parks.

The Chicago *Tribune* urges the formation of an organization in this city on the lines of the Home Gardening Association of Cleveland, which distributes flower seeds to school children at less than cost to stimulate a love of gardening among the children.

Leading retailers report that the Lenten season has been the quietest in years, so many large users of flowers have been away, in California or Florida. They hope the wanderers will return in time for Easter. Nevertheless the season as a whole has averaged good.

McKellar & Winterson have been doing a big business in supplies for Easter. This has included a big lot of the silver birch bark ware, over 400 pieces going with one order. John Sterret is again with this firm and is taking hold at this busy season with his accustomed vigor.

The Geo. Wittbold Co. put up an elaborate decoration for the spring opening at the Siegel-Cooper store. The main aisles were turned into avenues of blooming peach trees, lilacs, etc. The flowers were artificial but the trees and shrubs were the real thing and green was supplied by wild smilax. It simulated nature very closely and was very effective.

Mr. Thompson, of the Michigan Seed Co., South Haven, Mich., was a recent visitor, as was also John Bertermann, of Indianapolis.

Mr. John Schneider, the veteran florist of Kansas City, is in the city sizing up the Easter situation and incidentally keeping the bell boys at the Palmer House busy.

The Rogers Park Floral Co., consisting of Paul Gaertner and Edw. Grunendorf, have started in business with three greenhouses at 506-508 Tuohy avenue. For the present the glass will be devoted to bedding plants.

S. M. Michaels now has his store at 510 North Robey street.

Kennicott Bros. Co. have made their usual complete arrangements for handling a big Easter business and are receiving many advance orders.

Wietor Bros. are cutting a fine lot of carnations having several large houses just coming in crop.

Bassett & Washburn will have a big lot of lilies as well as a full line of other stock for Easter.

Word has been received that the S. A. F. will give one silver medal and one bronze medal for new and meritorious plants of American origin at the next fall exhibition of the Horticultural Society of Chicago.

BUFFALO.

Business has been just fair and cannot expect much till the great week arrives. We expect a very lively Easter and every one is feeling good and there are already a great many strangers in town, birds of passage, who will be here until next November.

As mentioned in a previous note, lilies are scarce. Palmer has a nice lot of Japans, as well as a good lot of azaleas. Rebstock has a large lot of Japans just right for date, but the majority rather short. He has a splendid lot of azaleas and a thousand hybrid roses, but his leading article is 300 or 400 well bloomed Crimson Ramblers. Joe says they can't be beat in the country, and he is about right. They were grown in pots last summer. C. F. Christensen has a thousand very fine Harrisii, and at the Cold Springs establishment of William Scott you will find lilies, ramblers, azaleas and other stock in about the right proportion. W. Milley has enough cinerarias to supply us all. Neubeck & Myers have a well balanced supply of the leading plants. Of bulbous stock, spiraea, cytisus, mignonette and other Easter plants, there are plenty, but I don't believe one too many.

Kasting is preparing to receive large shipments from out-of-town growers, and will doubtless do a big business, as he did last year with the order book in his hand and prancing about among the blocks of lilies, azaleas and Rambler roses, singing out the prices he wants. He is almost as much at home as he is at a democratic convention.

Joseph H. Rebstock has just returned from a flying trip to California, where he went to bring home Mrs. Rebstock, who went there for her health, and she is better.

Visitors in town are not very numerous, unless you count the Hollanders. Four of them in one day, but we escaped them all. Mr. Nelson Bogue, of Batavia, was in looking at the Pan-American and Mr. Boddington laid off over Sunday here and we showed him over the Exposition. Like all visitors, he was greatly surprised at its magnitude and beauty, although this is just the time when the grounds are at their worst.

The Florists' Club met last Thursday and elected officers for the coming year. We had all made up our minds who were the right ones to carry the work of the society through this important year. There was only one spirited contest, and that was when David J. Scott nearly beat out the veteran Keitsch for the position of treasurer. David is a business boy, even if his own papa has to say it. At present his mind runs largely to field-grown pansies, but he may get over that. The officers elected are: President, W. F. Kasting; vice president, James Braik; secretary, William Legg; financial secretary, Emil Bruecker; treasurer, Charles H. Keitsch; who, with the election of John F. Cowell, D. B. Long and William Scott, will be the board of directors. We have dignified ourselves by the name of "Directors," but our pay is not raised.

Captain James Braik is a comparatively recent addition to our active ranks and a welcome one. He brings avoirdupois, energy, ability, snap and the best of good fellowship into our deliberations. His only weakness is, he does love a game of bowls. He will absent himself from a prayer meeting or any other meeting to trundle the spheroid. I would lock John Westcott and Captain Braik up in a bowling alley for twenty-four hours and make them bowl all the time without a drop

ROSE PROPAGATING HOUSE AT THE ESTABLISHMENT OF PETER REINBERG, CHICAGO.

of usquebaugh to relieve their exhaustion, and if I wanted to break a man's heart I would only allow George McClure to look through the keyhole.

I have digressed. Not only the officers, but every member of the club, must work hard this summer for the credit of our club and our fair city.

I believe we only sent one delegate to the Rose show, and that was W. J. Palmer. Will you please notice how brilliantly the two great rose growers of Ontario came off, actually taking the principal prizes for the great commercial roses. This pleases me, because I live so near the border, but beyond that I want Mr. E. M. Wood to realize that besides sun, soil and brains, and a few other trifling incidentals, the great factor in producing these wonderful roses is butted glass. W. S.

PHILADELPHIA.

The Market.

The cut flower market continues active for the season; white flowers, choice roses and all grades of carnations are in demand, also greens; violets and daffodils are poor, the Greeks having both in quantity. Lady Campbell is an exception to the above, this variety still being in fine form. Many of the poor daffs are from the south, but some came from over the water. Sweet peas are more plentiful, nice blooms are in demand at $1.50 per 100; poor ones are hard to sell at any price. Prices on other flowers are about as quoted last week excepting that fancy Beauties are a shade lower and second class Maids are in over supply and often sold cheaply in consequence.

Easter Stock.

Easter stuff is a matter of deep interest now. It is impossible to give a complete view of the field, here is a partial glimpse: Jacob Becker is sold out of lilies already; has azaleas, pot roses, etc.; Samuel J. Bunting has lilies, hydrangeas, spiraeas and a variety of Easter stock; this is his specialty. William K. Harris is strong on genistas, azaleas and other Easter stock; has few lilies this year. Robert Craig & Son are strong on lilies, azaleas and other blooming stock. Chas. Mecky has his usual variety of Easter stock except lilies. Julius Koehler & Son have a good assortment of well grown stuff. Albert Woltemate has a fine lot of Easter stock, the novelty being Japan snowballs, very effective for church decoration. George Anderson has fine lilies and (I think) hydrangeas.

Various Items.

The exhibition of the American Rose Society at the "Hyphen"—Here you must ask "Where is the Hyphen?" It is between the Waldorf and Astoria! Isn't that great?—last week showed that Philadelphia Beauties are in the front rank as of yore. Myers & Samtman, Joseph Heacock and Adolph Fahrenwald all won laurels with this rose. The other features of interest to Philadelphians were that H. H. Battles offered a silver cup for the best display of orchids and that the Floral Exchange won the silver medal for the best new rose with Queen of Edgely.

Samuel S. Pennock is receiving some fine Liberties; the very best bring $4 a doz. The chief novelty at Mr. Pennock's is the new adding machine, similar to those used by the banks; a good step forward in the march of progress.

John C. Gracey, 2028 Columbia avenue, besides doing a general florist's business makes a display of fish and aquariums. Mr. Gracey makes the aquariums himself in leisure moments.

George Burton, who has been for some time past with Vaughan's Seed Store in New York, has returned to his father's place at Chestnut Hill.

Edward Reid makes carnations a specialty; besides local business he shipped 35,000 blooms out of town last week.

George M. Moss has been handling lily of the valley from E. G. Asmus ever since he started in business. This valley is of uniformly fine quality.

Chas. E. Meehan has planted his new rose house with La France and Carnot in solid beds. The plants are in nice condition. The first blooms of La France will be fit about Easter.

J. J. Habermehl & Sons have a fine lot of hydrangeas for their retail trade.

Alfred D. Hoag has given up his store on Chestnut street below Seventeenth street.

William Munn is manager for T. E. Bartram, Lansdowne; not Burton, as incorrectly printed last week. Phil.

ST. LOUIS.

The Market.

Trade is very quiet at present. Stock is decidedly more plentiful, there being more than enough flowers for the demand. As a consequence, some of the downtown store men are once more coming to the front with cheap prices.

There is a good deal of speculation as to the Easter supply. Harrisii's will be the main feature, a few of the well informed parties claiming that they will be quite plentiful, as will also other Easter stock. Easter prices, they say, will go into effect about April 1. The fact that there will be an increased demand for Easter is proven by several large orders that have already been placed.

Prices.

Beauties have weakened somewhat and must be extra fancy to bring $4 per doz. Brides, Maids, Meteors and Golden Gates, extra select, are as high as $6 and $8, but the bulk of them are sold at $3 and $5. Perles and Wootton's from $2 to $4.

The supply of carnations is heavy just now. Fancy stock brings $3 per 100, good common stock from $1.50 to $2. The demand for this stock is very heavy, especially white, which seems scarce, none being left over. The growers of carnations have no complaint to make, as prices have been good all season and very few blooms went to waste, and

these conditions will continue until after Easter.

Bulb stock is in fair demand, especially white and the light colors which can be used in funeral work, but it comes in in such great quantities that much is left over and we are a little afraid that it will be scarce at Easter, just when we need it most.

Violets are in about the same fix as bulb stock with prices unchanged from last quotation. Lots of sweet peas are coming in just now which find very little sale at 75 cents per 100.

Notes.

Visitors in town the past week were Joe Rolker, of New York; Arnold Ringier, of Chicago; and Chas. Ford, of New York. The latter was called home by telegram stating that his father had died in Philadelphia. All are well pleased with the trade and have booked plenty of orders.

The Englewan Botanical Club held a meeting last Thursday night at the medical college. Messrs. R. A. Mohr and A.

BOSTON.

Trade Conditions.

Things do go tough! In the case of roses, lilies and violets because of their plentifulness, and in the case of pinks and fine white flowers because of their scarcity. Bulb goods and green material come the nearest to a happy medium, but the only place to look for consolation seems to be Webster's Unabridged. Easter shines before us like an oasis in the desert. Hope, blessed relief of Pandora's box!

Horticultural Hall.

The Horticultural Society must have gone into their building like a lamb. They surely are going out of it with a roaring good exhibition which suggests the old-time simile of the present month.

It strikes me as an unfortunate thing that the commercial fraternity is not more interested in the doings of this society and consequently better represented there. And if not from an aesthetic but few commercial growers, comparatively, visited it.

In the plant classes the leading prize winners were Dr. C. G. Weld, Bayard Thayer, Mrs. J. L. Gardner, Mrs. B. P. Cheney, Bussey Institution, W. S. Ewell & Son, E. N. Pierce & Son, H. H. Rogers, Hon. M. T. Stevens, Anson Phelps Stokes, A. G. Noyes, Harvard Botanic Garden, F. J. Rea.

In cut flowers the leading premiums went to Mrs. A. W. Spencer, Col. Chas. Pfaff, E. M. Wood & Co., W. H. Elliott, M. A. Patten, F. A. Blake, Peter Fisher, Briarcliff Greenhouses, W. C. Ward, D. S. Carrigan, H. S. Rand, Wm. Sim, Mrs. F. L. Ames. Gratuities: Col. Chas. Pfaff, Magna Charta roses; Miss M. S. Walker, vase of roses; Col. Chas. Pfaff, display of roses; Charles Evans, mignonette; Norris F. Comley, lilac; C. H. Souther, antirrhinums; Mrs. E. M. Gill, basket of flowers; James Comley, display; Mrs. A. W. Spencer, display; Mrs. E. M. Gill, display.

The first schedule exhibition in the new

W. J. Dana's Greenhouses, Wellesley Hills, Mass.

Goss illustrated the movements of plants influenced by light and gravitation.

W. Jordan reports that he has had quite a fire at his place the past week, causing damage to building and stock of about $50.

C. Young & Sons Co. are very busy now with shipping orders for plants and seeds in which they do a large business.

Beyer, Schray, Sanders and Ostertag were kept busy the past week decorating department stores with plants and cut flowers.

Jessie M. Goode, of the National League of Improvement Association, states that shade trees planted this spring will be in nice condition in 1903 when the World's Fair opens. Next spring will not be such a favorable time and the spring of 1903 will be too late. This is a feature of the city improvement that should be attended to at once. All this work will be to the permanent benefit of St. Louis, if carried out as it should be, and will transform the city, giving St. Louis a charm that will redound to its credit. J. J. B.

Lincoln, Neb.—The wife of C. B. Keller, the florist, died March 13 of pneumonia.

"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

The best, and the cheapest—the Review's classified advs.

point of view, why do they not materialize there strictly from a financial point of view? An even hundred cash prizes on potted plants, ranging from $1 to $25 each, and fifty-five cash prizes and two medals for excellence in cut flowers, is really worth playing for, and alone might account for a stupendous array. Couple this with both good natured and acrimonious rivalry among both commercial and private growers, add the almost frantic zeal of the genuine flower lover and the lover of Boston prestige, and you obtain present conditions. Sixty-eight prizes on fruit and vegetables also add a mite to the situation, and that part of this spring's exhibition is all right, too, but was hardly participated in by persons of interest to readers of this item.

Neither do my constituents figure by any means among the potted plants. In the cut flower department we do much better. Here the E. M. Wood Co. put in a magnificent display of five different varieties of roses, ably seconded by W. H. Elliott, the Exeter Rose Conservatories, John Pritchard, John McFarland, the Piersons, of Scarborough, and several private growers. None of them, however, had the number of varieties nor the number of points to show the judges that the Wood Co. placed. I am inclined to think their Brides and Maids never were equaled.

The carnation department was fronted by Messrs. Patten, Fisher and Pierson, and such names as Comley and Sim could be found on fine bunches of violets.

But such affairs must be seen; they can not be described nor pictured. And half will be the rose and strawberry show, June 20 and 21.

W. J. Dana's Place.

Noting a marked improvement in the output of this place, I took occasion to go out to see if I could find "by what mighty magic," as Othello says, this was being brought about. Hard work and strict attention to business were the only ingredients I recognized in the lotion he applies, however. But he has a strictly first-class range of houses aggregating something like 40,000 feet of glass, very nicely located on the southern slope of a Wellesley Hills incline, of which he takes most excellent care, largely covering pink roses and white roses, but also containing more varieties of plants than growers for the city market usually foster. His plants are first-year grafts, not now so large, perhaps, as they might be, but putting on a prodigious growth that makes one think of Easter, and more particularly of next year's product, since the plants will be left in for at least one more year's work. They are going to be heard from right away.

Mr. Dana is his own grower, pipe fitter and general manager, having reached remarkable efficiency in each respect when his few years' experience in this line of work is considered. His heating arrangements are of his own plan and work admirably. He uses a sixty-horse tubular boiler harnessed up with a fine sixty-foot chimney, to which he gives half the credit. Facilities for liquid manuring are very complete and four automatic ventilators assist in their department. The crop is marketed by means

of Salesman Manter, at the Park street market, who advertises himself as "always 'round and always square."

J. S. Manter.

SWEET POTATOES.

In addition to the directions for raising sweet potato plants or "sets" as outlined by a correspondent in a recent issue of the Review allow me to offer the following suggestions:

The extensive growers of sweet potatoes in the South employ a sort of rudely constructed hotbed for the starting of plants. Several inches of cornstalks or other rough material is first laid on the ground to serve as drainage and on this fresh horse manure is placed to the depth of one foot or more and this in turn is covered with four inches of soil. The potatoes are then placed on the soil, not touching, and lightly covered. In place of glass covered sash, a covering of hay is used. In a few days shoots push up to the light in the greatest abundance. As with root cuttings of other plants, roots start at the same time or sooner than the buds, so that each shoot is really an independent plant.

When the plants are four to six inches high, they are "drawn" from the bed by a sidewise pull, aided by pushing the fingers a trifle into the soil close to the plants. The plants, each of which is furnished with an abundance of fibrous roots, are then set in the field at once where they are to remain. In a few days, a second crop of plants will be furnished by the same potatoes and even a third crop may sometimes be had, although the later plants are usually weak. One bushel of seed will produce from 2,500 to 3,000 plants without the necessity of making and potting cuttings.

A similar plan may be followed in northern latitudes, except that a hotbed or greenhouse may be necessary in order to have plants early enough to insure a crop. We have had excellent success here by bedding the potatoes in sand on an ordinary greenhouse bench in four inches of sand about May 15. In twelve to fourteen days the first crop was "drawn" and by June 15 the second crop was ready. A steady bottom heat of 70 to 75 degrees was maintained and the sand kept constantly moist.

The raising of sweet potato plants by this method might easily prove a profitable side line for a florist in a small town or one who has a large number of amateur vegetable gardeners among his customers. Sound seed is essential and it should be carefully handled to prevent rot. Neither cuttings nor pots are necessary. While sweet potatoes may be grown as far north as central Wisconsin, the quality of the tubers is not as good as the New Jersey or southern grown, nor will they keep as well.

Frederic Cranefield.

Wisconsin Agr. Exp. Sta.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—At half its value. Fifteen Hundred dollars ($1,500.00) buys six greenhouses—3000 feet glass—hot water heat—plenty of good stock—also house of seven rooms, barn, sheds and 8 lots located near Chicago; long lease given on land; if you have the price address for particulars. A Bargain, Care Florists' Review.

WANTED—To buy 2500 square feet of glass not smaller than 10x12, packed and F. O. B. cars wherever bought. M. C. Beers, 76 Ontario St., Cohoes, N. Y.

WANTED—At once, young, single and reliable man to assist in care of three small greenhouses. Wages, with board, $15.00 per month. One who understands watering plants is wanted. Mrs. H. E. Smith, Berlin, N. H.

WANTED—A good all around florist; a single, honest, sober man, one that will grow good cut flowers and bedding plants. Fifty dollars per month and room to right man. Must have some idea of planting out. Address W, care Florists' Review.

WANTED—At once, a thoroughly reliable, honest, upright man; one who is quick and well experienced in carnations and general greenhouse work. State age and wages wanted; references required. N. Zweifel, 14th Street and Greeling Avenue, Milwaukee, Wis.

SITUATION WANTED—By first-class grower of cut flowers, bedding plants and vegetables. Capable of taking charge of establishment. First class references. Address F. O., Box 225, Elkins, W. Va.

SITUATION WANTED—As manager and grower for a good reliable firm; thoroughly up-to-date in every department of commercial work; capable of handling men and carrying on the work in a practical manner. Best of references furnished as to character, ability, etc. Good permanent position desired; open for engagement April 15th.

Address "Commercial" Care Florists' Review

SITUATION WANTED—By first class grower of roses, carnations, violets and mums. Address Illinois, care Florists' Review.

WANTED—At once a man to work in greenhouse where a retail business is done. Must be a good worker, sober and agreeable and one who will board in the family. State wages and give references in first letter. H. S. Baker, Warsaw, N. Y.

FOR SALE—Greenhouses—3500 feet of glass, room for 5000 more. Windmill, large tank, 2 lots, brick cottage—10 rooms, barn. City 30 000 population, 60 miles to Chicago. Splendid location for florist business. Address 2006 N. Chatham Street, Racine, Wis.

FOR SALE—Fine greenhouse property in Southern Wisconsin. 15,000 population. 5500 feet of glass. 5 minutes from 2 rst offices; street cars pass the door; residence connected with office; doing a splendid business. For particulars, address R, care Florists' Review.

POSITION WANTED—This spring, near Boston, by an up-to-date grower, as working foreman, on a good clean place; strictly temperate; have had large experience with roses and carnations; good wages required; married; age 38; one child. Give full particulars to "Englishman," care Florists' Review.

FOR SALE—Or to let for a term of years the Mountain Villa Conservatories, containing about 1000 ft. of glass well stocked. Address Box 254, Sharon, Mass.

SITUATION WANTED—As a good all 'round florist, growing roses, carnations, etc; capable of taking full charge; single; 24 years' experience. Address N, care Florists' Review.

SITUATION WANTED—By thoroughly experienced cut flower grower; 14 years in this country; single; references. Address K, care Florists' Review.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

WANTED.

Man to take charge of store, in western city. Must understand both retail and wholesale trade, and be a good maker up and decorator. A good, permanent place for the right man. Don't apply unless you have first-class references as to reliability and trustworthiness.

Address I. D. A., care Florists' Review.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Burlington, Ia.—At a recent meeting of the park commissioners action was taken reducing the superintendent's salary to $420 a year and allowing but $300 for the purchase of plants this year.

THE Review's classified advs. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."

IMPROVED Greenhouse GLAZING POINTS.

Positively the best made, zinc, never rusts, lasts forever. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive, easy to extract. Two sizes, 5-8 and 7-8. 40c a pound; by mail, 10c extra; 7 pounds for **$2.50,** by express.

....FOR SALE BY....

Vaughan's Seed Store	**Chicago and New York.**
Henry T. Michell	**Philadelphia.**
Schlegel & Foltier	**Boston, Mass.**
W. C. Beckert	**Allegheny, Pa.**
Inglis Bros	**Brooklyn, N. Y.**
Carneal & Dav's	**Richmond, Va.**
Vonnegut Hardware Co	**Indianapolis, Ind.**
Pittsburg Cut Flower Co	**Pittsburg, Pa.**
Chas. T. Siebert, Mgr.	**Station B, Pittsburg, Pa.**

KIND WORDS NEVER DIE.

Glenfield, Pa.

Chas. T. Siebert: I take pleasure in expressing satisfact on in using your Zinc Glazing Points. They have outlasted all others used, therefore are better and cheaper. Their merit should result in extended sales. Sincerely yours,

Theo. F. Beckert, Florist.

Berwick, Pa.

Chas. T. Siebert—Enclosed find M. O. for more Zinc Points, the same as others sent. They are decidedly the best we ever used. Respt.,

John A. Smithers & Son, Florists.

Bellevue, Pa.

Chas. T. Siebert:—Please book my order for 100 lbs. of Zinc Never Rust Glazing Points. I have used 5 different kinds of points in the last 12 years, and none of them gave me satisfaction like yours. They will stay in, are easy to drive, no splits or lefts, will hold the glass in place, and do not rust away like all others I have used. Your Zinc Points are easy to take out when making repairs. I have used about 100 lbs. of your Zinc Points in the last two years, and I am perfectly satisfied with them.

Yours truly, F. Burki

Cleveland O.

Chas. T. Siebert:—In our 25 years experience in glazing points of all kinds, I can say your Zinc Points are the best to date.

Chas. H. Wilson,
Mgr. for Grant-Wilson Floral Co.

Youngstown O.

Chas. T. Siebert:—Please find inclosed check for $4.50, for which send me 10 lbs. more of your Zinc Points. To my way of thinking, too much cannot be said in their favor.

Yours truly, E. Hippard.

Richmond, Va.

Chas. T. Siebert:—We have used the 20 lbs. of Zinc Glazing Points, and think they are the best things we have ever used for glass. If we need any more we will order from you.

Yours very truly, W. A. Hammond, Florist.

Mention The Review when you write.

Iron Reservoir Vases

For Lawns and Cemeteries.

With the reservoir they need water only once in every fifteen days.

The flowers thrive well in these vases. 24 different styles to select from. Get our prices.

F. A. FLOOM & CO.

TIFFIN, OHIO.

Mention The Review when you write.

Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.00; special price on large lots. Can ship any time.

DAVIS BROS., - - - MORRISON, ILL.

EVERY Fflorist OUGHT TO INSURE HIS GLASS AGAINST HAIL

For Particulars Address

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch $1.00; ¼ page, $15; full page, $30. Discounts: 6 times 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

THEY LIKE THE REVIEW.

It is the best, newest and brightest trade paper published. S. A. ANDERSON.
Jamestown, N. Y.

We could not do without the Review, for in each issue we find some getting out weekly visits from creditors.—Review. TRITSCH BROS.
Concordia, Kans.

I am well pleased with the Review and have always been. It is the paper for the trade. Hoping it every success. CHAS. S. MASON.
Cedar Rapids, Iowa.

I am very much pleased with the Review and find it a good help to me in many times.
Chattanooga, N. Y. ROBT. H. McKERR.

I would not be without it for anything, it being one of the best papers published.
Quincy, Ill. C. F. W. GENTEMANN.

To anticipate its coming every week is like knowing there is a spring in the desert. Reading it is equivalent to a holiday in the week.
Chicago. JOHN REARDON.

I like your paper very much and would not be without it. HARRY OLSEN.
Meriden, Conn.

I like the Review very much indeed.
Racine, Wis. MRS. C. W. PIKE.

I am well satisfied with your paper.
Sta. X, Chicago. GEO. COLLINS.

It is a most welcome visitor.
Morenci, Ariz. WALTER WAUGH.

Have been well pleased with the paper.
Yellow Springs, O. O. E. CARR.

Long live William Scott!
Middle Village, N. Y. N. PLADECK.

It has been very satisfactory.
New Hamburg, N. Y. P. W. POPP.

I like the Review very much.
S. N. PECK.
Toledo, O.

I am more than satisfied with the Review and could not do without it. J. H. FABER.
Kankakee, Ill.

You have a great paper and I thoroughly enjoy reading it. J. W. CUTTING.
Swarthmore, Pa.

I find the Review very desirable and feel that I cannot do without it.
MRS. M. S. WILLIAMS.
Portsmouth, Va.

The issue of the 14th failed to reach me. Please send it. I cannot afford to miss even one copy. H. A. KEZER.
El Paso, Tex.

You will find all the best offers all the time in our classified advs.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of **Cut Flowers.**
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**
Mention The Review when you write.

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.
Growers of CUT FLOWERS at Wholesale.
Regular shipping orders given special attention. We have the largest plant west of Chicago.
Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.
Mention The Review when you write.

POEHLMANN BROS.
Wholesale Growers of and Dealers in
CUT FLOWERS,
51 WABASH AVENUE, CHICAGO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

WHOLESALE STORE, MINNEAPOLIS, MINN.
For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.
BRANT & NOE 124-128 Sixth Street N.
Mention The Review when you write.

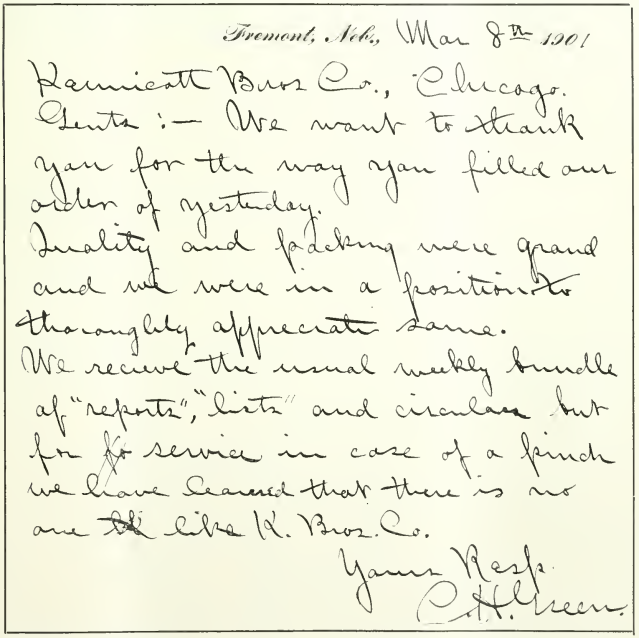
CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

and Dealers in all kinds of **Florists' Supplies.**

42 and 44 East Randolph St., CHICAGO, ILL.



Fremont, Nebr., Mar 8th 1901

Kennicott Bros Co., Chicago.

Gents:— We want to thank you for the way you filled our order of yesterday.

Quality and packing were grand and we were in a position to thoroughly appreciate same.

We receive the usual weekly bundle of "reports", "lists" and circulars but for service in case of a pinch we have learned that there is no one like K. Bros. Co.

Yours Resp.

C. H. Green

EASTER PRICE LIST.

Subject to change without notice.

	Price per 100
Am. Beauties, short	$10 00 to $12 50
Am. Beauties, medium	15 00 to 18 00
Am. Beauties, fancy, fair length	25 00 to 35 00
Am. Beauties, long	50 00 to 75 00
Meteors	8 00 to 10 00
Brides, Maids, extra select	6 00 to 8 00
Meteors, Brides, Maids, good average	5 00 to 7 00
Perles, extra select	4 00 to 6 00
Roses, our selection	4 00
Carnations, special fancy varieties	6 00
Carnations, choice	4 00 to 5 00
Carnations, good average	2 50 to 3 50
Carnations, our selection	2 00

P. and D. at cost.

	Price per 100
Violets and Pansies	$ 60 to $1 00
Valley, our specialty – the best	3 00 to 4 00
Smilax, per dozen, $2 40 to $3 00	
Harrisii	12 50 to 15 00
Callas	12 50 to 15 00
Tulips, single and double	3 00 to 4 00
Daffodils, single and double	2 00 to 4 00
Daisy, Forget-me-not	75 to 1 00
Adiantum	1 00
Asparagus, per string, $ 60 to $ 75	
Galax, per 1000, 1 00 to 1 25	
Common Ferns, per 1000	2 50

CHOICE CUT FLOWERS OF ALL SORTS. New and Standard Varieties of ROSES, CANNAS, CARNATIONS, GERANIUMS, CHRYSANTHEMUMS and General Florists' Stock. We will have a fine lot of EASTER LILIES, LONG BEAUTIES AND TEA ROSES. Send us your Order. Satisfaction Guaranteed on All Orders. LONG DISTANCE TELEPHONE 99.

WASHINGTON.

Trade Conditions.

With exception of funeral work, business during Lent has been somewhat slow. Prospects for Easter look very bright in regard to lilies.

Gude Bros. say: "We may possibly have enough for our own use, but none to wholesale; other stock more than ever and everything in fine shape." J. R. Freeman's lilies will not be in, but other stock is in abundance. American Rose Company will be left on one whole house of lilies, but at the same time will have enough to go around. White Ivory, their new rose, will be in full crop. J. Louis Loose's lilies will partly be in; will have plenty after Easter. C. Schellhorn's last planted ones will be in fine; his early planting will be late. Azaleas, Ramblers and other blooming plants will be plentiful. Most of our local growers have realized nothing from their azaleas this season. For the last month fine plants could be bought at cost and the majority under cost.

The way Virginia violets are now coming in is more of a nuisance than a gain. Single dealers are getting as high as 50,000 to 75,000 per week and they bring hardly $1 per 1,000.

From the looks of some of our uptown dealers' places a person would think they were dry goods stores, from the way the windows are pasted up with paper signs and the plants almost completely covered with crepe paper, which really lessens the value of a fine plant.

The firm of Litzinger & Wade have dissolved partnership. All indebtedness will be assumed by Mr. Louis P. Litzinger, who will continue the business.

Mr. Charles L. Schmidt, of S. S. Pennock's, was over picking up some Easter orders.

Paul Berkowitz and Mr. Eschner, of Philadelphia, were among the callers.

F. H. Kramer.

Los Angeles, Cal.—The prize list for decorated vehicles and floats for the annual feast of flowers to be held May 8 has been issued, and it amounts to several thousand dollars.

Benthey & Co.

41 Randolph Street, CHICAGO, ILL.

Wholesale Growers of and Dealers in.. **Cut Flowers.**

EASTER PRICES.

These prices take effect APRIL 3. Are subject to change without notice.

ROSES.	Per 100
American Beauties, long,	$35.00 to $50.00
medium,	20.00 to 30.00
short,	5.00 to 10.00
Maids, Brides, Meteors, select,	10.00
No. 1,	6.00 to 8.00
No. 2,	3.00 to 5.00
Perles,	4.00 to 6.00
CARNATIONS.	
Fancy,	$4.00 to $5.00
No. 1, standard,	3.00 to 3.50
Fair quality,	2.00 to 2.50
A. Sprengeri, 50c per doz.	
A. Plumosus, 50c to 75c a string.	

	Per 100
Tulips,	$3.00 to $4.00
Daffodils, double,	3.00
Daffodils, single,	2.00 to 3.00
Paper White,	3.00
Valley,	3.00 to 4.00
Violets, double,	1.00 to 1.25
Violets, single,	.75
Mignonette,	2.00 to 4.00
Callas,	12.00 to 15.00
Harrisii,	12.00 to 15.00
Wallflower, 25c per bunch.	
Smilax,	$12.00 to $18.00
Adiantum,	1.00
Wood Ferns, $2.00 per thousand.	

Mention The Review when you write

Bargains in ROSES.

At $3.00 per 100, $25.00 per 1000.

A No. 1 Stock. Pink La France, White La France, M. Niel, C. Soupert, Kaiserin, Kobt. Garrett, Bride, Bridesmaid, Etoile de Lyon.

Cash with order please.

Joseph Laihr & Sons, SPRINGFIELD, Ohio. R. D. No. 5.

Mention The Review when you write.

PANSIES and VERBENAS.

Pansies—Fine transplanted plants of Bugnots, Caslers, Odier, mixed or separate, 50c per 100, $4 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Geraniums—Grant, Red Bruant, Pink and La Favorite, 2¼-inch, $2.00 per 100. Heliotrope, mixed, rooted, $1.00 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

....BUY YOUR....

EASTER FLOWERS

DIRECT FROM THE GROWER.

Bassett & Washburn

Wholesale Growers of and Dealers in

CUT FLOWERS,

76 Wabash Ave. ....CHICAGO.

We shall have large supplies of Choice Stock for Easter, but demand promises to be heavier than ever before and we recommend early orders. We shall then be able to make shipment direct from the greenhouses, without rehandling, insuring the arrival of Lilies in the best of shape.

American Beauties. We have never had such good success with Beauties as we are having this year. We have 50,000 plants, all in fine crop, and can ship splendid stock of any length of stem.

Tea Roses. Bride, Bridesmaid, Liberty, Meteor, Perle and Golden Gate. 75,000 plants just coming into full crop. The plants are vigorous and the blooms right up to our usual high standard.

Fancy Carnations. It is well understood that we have the finest stock of Fancy Carnations in the country. 54,000 plants, all the newest and best sorts. Crop is on but there never is enough of such stock to go around.

Harrisii Lilies. Lilies are late this year and it is generally thought there will be a shortage, but we planted 10,000 bulbs, all selected Bermuda Harrisii, the best bulbs we could buy, and we think we can meet all demands. Send us your order.

Greens. We have the largest Asparagus house in the west, and two houses of Adiantum. Common Ferns are not keeping well and are scarce.

IN ADDITION TO THE ABOVE WE GROW AN IMMENSE STOCK OF

VALLEY, TULIPS, VON SIONS and DUTCH HYACINTHS.

Buy Your Flowers Direct from the Grower and thereby get Better and Fresher Stock and Save the Rehandling Charges of the Middlemen.

FANCY CARNATIONS.

We offer Choice Rooted Cuttings, first-class in every way. The quality of our plants has gained a reputation among the highest in this country.

PINK.	Per 100	Per 1000
Ethel Crocker	$2.50	$20
Mrs. Thos. W. Lawson	$7.00	$60.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00

RED.	Per 100	Per 1000
G. H. Crane	$5.00	$25.00
America	3.00	25.00
MAROON.		
Gen. Maceo	2.00	15.00
YELLOW.		
Gold Nugget	3.00	25.00

WHITE.	Per 100	Per 1000
White Cloud	$2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
VARIEGATED.		
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

Rooted Rose Cuttings. Brides, Bridesmaids and Meteors. $1.50 per 100.

Rose Plants. Strong 2½-inch Brides, Bridesmaids and Meteors, $3.00 per 100, $25.00 per 1000.

ALL CUTTINGS SHIPPED FROM GREENHOUSES.

Don't fail to send us your name to place on our mailing list for our Florists' Price List, issued every week.

...BASSETT & WASHBURN

STORE: 76 Wabash Ave., Chicago. GREENHOUSES: Hinsdale, Ill.

PETER REINBERG

51 Wabash Avenue
CHICAGO.

LARGEST
GROWER OF

Cut Flowers

IN AMERICA.

800,000 Square Feet of Glass.

Easter Price List.

TO TAKE EFFECT TUESDAY, APRIL 2.

AMERICAN BEAUTIES, long,	per doz.,	$5.00 to $6.00
" " medium,	"	2.50 to 4.00
" " short,	"	1.50 to 2.00
METEOR	per 100,	6.00 to 8.00
BRIDESMAID	"	6.00 to 10.00
BRIDE	"	6.00 to 10.00
PERLE	"	5.00 to 6.00
GOLDEN GATE	"	10.00 to 15.00
CARNATIONS	"	3.00 to 4.00
" fancy	"	5.00
VALLEY	"	4.00 to 5.00

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
ALL OTHER STOCK AT LOWEST MARKET PRICES.
NO CHARGE FOR PACKING.

NOT AN INSECT.

Find enclosed cutting of a fern. Will you kindly advise me through the columns of your publication if it be an insect or what it is on the plant. Also state what would prevent it from spreading, and oblige, E. H. D.

[The frond is fruiting and what you have taken for insects are simply the cases containing the spores, through which ferns reproduce themselves.—Ed.]

"The Work of Civic Improvement" is the title of a very prettily illustrated and useful booklet issued by The Home Florist, of Springfield, O., under the auspices of the National League of Improvement Associations. It gives a very comprehensive review of the work of local improvement associations and the means employed to beautify cities and towns where these associations exist.

The Henry W. Gibbons Co., New York, have issued a neat pamphlet, entitled "How Roses Are Grown," and containing an extract from one of the bulletins of the American Rose Society.

From a daily paper we gather the remarkable information that "A new lily is shown this year, which is called the Harrasii and which is a more sturdy lily than the Bermuda, from which it is a descendant." It takes the average reporter to find interesting and accurate news.

Stamford, Conn.—Edward B. Jackson will this summer build 700 running feet of cold-frames, giving him 9,000 feet of glass in cold-frames alone.

100,000 Pansies

THAT ARE PANSIES.

The seed was grown for our own use but we have too many. They are strong, cold frame plants, grown in Colorado's sunny climate.

Select stock at $4.00 per 1000, from seed frame.

Also **Verbenas** out of 2-inch pots at $2.00 per 100.

Ethel Crocker Carnation Plants out of 2-inch pots, $2.00 per 100.

Frances Joost, out of 2-inch pots, per 100, $2.00.

Golden Glow or Rudbeckia, out of 2-inch pots, per 100, $2.00.

Cash please.

THOS. CHAPMAN,
801 6th Ave., West, DENVER, Colo.

Fine Lot of **ASTILBE** "Multiflora Compacta,"

Showing color, in 6-in. pots, $3.00 per doz. **Just Right for Easter.**

LATANIA BORBONICA, nice clean stock, full character leaves, 4-inch pots, $15.00 per 100; $2.00 per doz. **Latania Borbonica,** 5-inch pots, full character leaves, $30.00 per 100; $4.00 per doz. 6-inch pots, fine plants, from $50.00 to $75.00 per 100; same rate by the doz.

ROOTED CUTTINGS OF COLEUS.

GOLDEN BEDDER, VERSCHAFFELTII, and 12 other selected varieties of the best sorts, 60c per 100; $5.00 per 1000. Cash with order, please.

STATION I,
CRITCHELL'S, CINCINNATI, OHIO.

Mention The Review when you write.

WHOLESALE GROWERS
AND SHIPPERS OF
CUT FLOWERS
59 WABASH AVE.
CHICAGO ✤ ✤ U.S.A.

PRICE LIST

FOR EASTER

	Per doz.
American Beauty, 36-in. stem	$6.00
" 30 "	5.00
" 24 "	4.00
" 20 "	3.00
" 15 "	2.00
" 12 "	1.50
Short	$ .75 to 1.00
	Per 100
Meteor	$6.00 to $8.00
Maids	6.00 to 8.00
Brides	6.00 to 8.00
Kaiserin	6.00 to 8.00
Golden Gate	6.00 to 10.00
Perle	5.00 to 8.00
Carnations	3.00 to 4.00
" fancy	5.00
	Per doz.
Harrisii Lilies	$1.50 to $2.00
Calla Lilies	1.50 to 2.00
	Per 100
Valley	$4.00 to $5.00
Violets and Pansies	.75 to 1.25
Roman Hyacinths	2.00 to 3.00
Daffodils	2.00 to 3.00
Tulips	3.00 to 4.00
Smilax, choice	12.00 to 15.00
Asparagus, per string	.75 to 1.00
Galax	100, 1.50
Ferns	1000, 2.50

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Let us fill your Easter Order and rest assured of prompt and careful attention.

4 Washington St., CHICAGO.

Wholesale ....Florist

EASTER is close at hand and I never had a better line of stock. **Longiflorum Lilies** are perfect. **Valley** is extra fine. **Roses** and **Carnations** were never better. Finest line of **Bulbous Stock** in the city, but must have orders early to give you the best selection. Can supply fine **Violets** in any quantity at reasonable rates.

A. L. RANDALL,

Come fast with your orders and leave the rest to me.

4 Washington St., CHICAGO, ILL.

American Beauties.

WE SHALL HAVE A GOOD SUPPLY FOR EASTER AND CAN FILL ALL EARLY ORDERS.

HARRISII won't be plentiful but we shall have thousands of them.

If you want good **Lilies,** choice **Roses,** and the best grades of **Carnations, Bulbous Flowers** or **Greens,** let us show you what we can do. Our trade is increasing every day, just because our methods are such that we satisfy our customers.

We make a specialty of shipping trade and bill all orders at lowest market rates. Let us hear from you.

J. A. BUDLONG, 37-39 Randolph St. CHICAGO.

Mention THE REVIEW when you write.

A CAULIFLOWER COMBINE.

Cauliflower is a wholesome vegetable, but it requires careful handling to keep it at its best possibility. This is one reason a number of farmers on Long Island have just combined as a Cauliflower Growers' Association. Their plan is to issue 1,000 shares of stock of the par value of $5 each, the several shares each representing an acre of cauliflower. The association will have a manager to attend to the business of marketing cauliflower judiciously and profitably, and it is thought the farmers will find it a profitable arrangement. There has been too loose a conduct of the cauliflower industry, they believe, and it will be well to make the public comprehend how important it is that cauliflower should be served fresh, and at fair prices for good specimens.

Pittsfield, Me.—C. C. Woodruff is planning to build a greenhouse to cost $1,000.

Berlin, N. J.—The greenhouses of Geo. J. Hughes were destroyed by fire March 8.

Mitchell, S. D.—E. C. Newberry is building a new rose house 24x114.

Louisville, Ky.—Wm. Walker will soon build a new house.

Nashville, Tenn.—Louis Haury has built a range of eight houses for the growing of plants and flowers.

If you have a good thing, push it along through the Review's classified advs.

IF YOU WANT

HEALTHY PLANTS

FUMIGATE WITH

NICOTICIDE

THE BEST OF ALL

INSECTICIDES

Write for full particulars to

The Tobacco Warehousing & Trading Co.,

1002 Magnolia Ave., Louisville, Ky.

Mention THE REVIEW when you write.

Special Trade List for the month of APRIL.

	Per 100
Asparagus Cornuorensis. This is a novelty of great merit. It looks similar to Asparagus Plumosus, but grows much more vigorous, and will make very long strings in a shorter time. 2-inch pots	$4.00
Asparagus Plumosus. 2-inch pots	3.00
Alyssum Double Giant, 2½-inch pots	3.00
Ageratum Princess Victoria Louise, new 2½-inch pots	3.00
" Princess Pauline, 3-inch pots	3.00
" dwarf, dark blue, 3-inch pots	3.00
Clematis, large-flowering varieties, 2 years old	per doz., $4.00
Clematis Paniculata, 2 years old, 4-inch pots	10.00
" 1 year old, 3-inch pots	3.00
Carnation Ethel Crocker, strong plants, 2½-inch pots	3.00
" Lizzie McGowan and Wm. Scott, 2½-inch pots	2.00
Geraniums, best bedding varieties, strong plants, 3-inch pots	4.00
" America, the best single light pink, 3-inch pots	8.00
" Mars and Le Pilot, 3-inch pots	5.00
Lobelia Pumila Splendens, new, dark blue, white eye, 2½-inch pots	4.00
" Emperor William, 2½-inch pots	3.00
Forget-me-not, Alpestris, blue, white and pink clumps	3.00
Periwinkle, variegated, 4-inch pots	per doz., $1.00
" 2½-inch pots	3.00
Fassiflora Coerulea, Florill, 3-inch pots	5.00
Petunia, double white (Snowball), 2½-inch pots	3.00
Salvias Splendens and Clara Bedman, 2½-inch pots	3.00

We can supply any quantity of Rooted Cuttings **Chrysanthemums, Carnations, Verbenas, Coleus, Alternantheras, Geraniums.** Prices of these on application.

C. EISELE, 11th and Jefferson Sts., Philadelphia.

Mention The Review when you write.

PHOENIX NURSERY COMPANY

1215 N. Park Street, BLOOMINGTON, ILL.,

Offers the following WELL GROWN STOCK:	Per 100
AGERATUM, PRINCESS PAULINE, 2½-inch pots	$2.00
STELLA GURNEY	3.00
ALTERNANTHERA, sorts	2.00
COLEUS, sorts	2.50
CLEMATIS, DUCHESS, EDINBURG, JACKMANI, MADAME EDUOARD ANDRE, strong 2 and 3 years, well established from 6-inch pots	25.00
CLEMATIS, PANICULATA, extra well rooted 2½-inch pots	5.00
LOBELIA, blue, from cuttings, 2½-inch pots, ready to bloom	3.00
ROSES, EMPRESS OF CHINA	2.00
SWAINSONA ALBA, 4-inch pots	6.00
3-inch pots	4.00
STEVIA VARIEGATA, 2½-inch pots, fine	5.00
SALVIA ST. LOUIS	3.00
VIOLET, MARIE LOUISE, 2-inch pots, well established	3.00

ROSES, from 4-inch pots. Will make fine plants for April sales. Of very best bedding sorts, mostly 2-year, well branched and well established plants. A. GUINOISEAU, BON SILENE, BRIDE, BRIDESMAID, CLOTHILDE SOUPERT, DR. GRILL, ETOILE DE LYON, HERMOSA, HENRY M. STANLEY, MOSELLA, MAMAN COCHET, MARIA GUILLOT, MALMAISON, NIPHETOS, PERLE DES JARDINS, PAPA GONTIER, PRINCESS SAGAN, RAINBOW, SUNSET, SAFRANO. 8.00

Mention The Review when you write.

ROOTED RUNNERS OF

Marie Louise Violets

from soil, 60c per 100, $5.00 per 1000.

Cash with order.

Address... **J. DUERR, Geneva, Ill.**

Mention The Review when you write.

NASH'S

SMALL FRUIT PLANTS

LEAD.

240 Old and New Varieties of Raspberries, Strawberries, Currants, Grapes, Dewberries, etc.

Three Rivers, **C. C. NASH,** Michigan.

Mention The Review when you write.

Wholesale Growers of Cut Flowers.

VICTOR BROS.

51 Wabash Ave., CHICAGO, ILL.

FLOWERS FOR EASTER.

Roses, Carnations, Lilies, etc.

WHOLESALE PRICE LIST.

Am. Beauty,	extra long, per doz.	$5.00 to	$6.00
"	24-inch stem, "	3.50 to	4.00
"	20 " "	2.50 to	3.00
"	15 " "		2.00
"	12 " "	1.25 to	1.50
"	8 " "		1.00
Meteor	per 100.	4.00 to	8.00
Bridesmaid	"	6.00 to	8.00
Bride	"	6.00 to	8.00
Perle	"	3.00 to	5.00
Carnations	"	3.00 to	4.00
	fancy "		5.00
Harrisii Lilies	"	12.00 to	18.00

All other stock at lowest market prices.
No charge for packing.
Subject to change without notice.

...PINK ARMAZINDY...

This picture shows a house of our sport, Pink Armazindy, from a photograph taken just after the big snow storm and just after our daily cut.

It is a great producer and a fine seller, one of the best Carnations we ever grew. We are offering ROOTED CUTTINGS of it at **$6** per hundred, **$50** per thousand.

SEE OUR FULL LIST OF ROOTED CARNATION CUTTINGS
in the Classified Advs. in this issue of the Review.

WE WILL HAVE AN EXTRA FINE LOT OF

Cut Flowers for Easter

OUR YOUNG ROSE AND CHRYSANTHEMUM STOCK NEVER WAS IN BETTER SHAPE. WRITE US FOR ANYTHING IN THIS LINE. WE HAVE THE STOCK AND WILL BE PLEASED TO SERVE YOU.

POEHLMANN BROS., 51 Wabash Ave., CHICAGO.

A GARDENER KING.

In a German periodical appears an article upon the dynasty of the kings of Cambodia, in which is told the following tale of its origin: "In 1333, there was a gardener who became celebrated for the excellence of his cucumbers, so much so that the king, who had a great liking for this vegetable, ordered him to reserve the entire output for his own consumption. To make certain that none of the cucumbers were stolen, he instructed the gardener to have his garden watched night and day. One night, in order to see that his orders in the matter had been carried out, the king stole out into the garden by himself, was taken for a robber by the watchful gardener, and promptly killed. As he left no heir, there was great trouble about the succession, and a way out of the difficulty was found by making the gardener king. Since that time his descendants have sat on the throne of Cambodia."

South Framingham, Mass.—David R. Woodward, the florist, died recently, aged 58 years.

Jamestown, N. Y.—Mr. A. N. Broadhead, of the Lake View Rose Gardens, has decided to erect a range of ten large rose houses and will use the Garland iron gutter throughout. Construction will begin at once.

South Bend, Ind.—August Beyer enjoyed a three months' trip to the fatherland last summer and after visiting all the best gardens and greenhouses, as well as the Paris Exposition, he returned with the feeling that America is ahead of the rest of the world in the florist line.

Silver Birch Bark Ware.

Prices per doz – **Canoes,** 12-in. $5.50, 15-in $7.90, 18-in. $10.50, 21 in. $15.20, 24-in. $16.60. **Logs,** 6-in. $3.00, 9-in. $3.84, 12-in. $4.80, 15-in. $6.00, 18-in. $7.20, 21-in. $8.40, 24-in. $9.60. **Pot Covers,** 4-in. $2.40, 5-in. $3.00, 6-in. $3.90, 7-in. $3.94, 8-in. $6.88. **Bulb Pans,** 4-in. $1.80, 5-in. $2.40, 6-in. $3.00, 7-in. $3.60, 8-in. $4.20. **Boxes,** 14-in. $11, 11-in. $9, 9-in. $7. **Easter Eggs,** 6-in. $5, 7-in. $10, 8-in. $11. References: Geo. Wittbold Co., E. Wienhoeber, C. A. Samuelson, Chicago.

J. A. LYNN, 1442 Wrightwood Ave., CHICAGO.

Mention The Review when you write.

Above shows my experience, care and selection of first-class bulbs.

I have an immense stock of the finest and choicest in the market, and in such quantities that exceed anything that I ever had and offered before. You would be astonished if you could take a look in seven (7) large greenhouses and an equal number of hotbeds which are filled to the fullest extent, and devoted to the entire cultivation of Easter plants alone. Therefore I will be prepared to fill all orders, if sent in time, as far as the supply will reach.

Azalea Indica. I am one of the largest importers of these choice Easter plants and have about a thousand more than last year. I raised these in large houses, 20x115 feet, erected for the cultivation solely of these plants. These azaleas were selected by myself last fall on my second trip to Belgium and as I am agent for a large concern there it gives you a chance to purchase your goods at first hand and not through a middleman. I have only new stock; none left over from a year ago. I can offer you plants in bloom, or buds, blooming Easter week, 6-in. pots, 50 cents up to $1.00 each. Most of them Mme. Vander Cruyssen, and some other of the best varieties which will be selected by myself. I have some fine specimen plants, 10-11-in. pots, 20-22 inches across, very large (Mme. Vander Cruyssen), of good shape and full of buds, $3.00 each, easily worth $5.00. Weight, with pots, 37 lbs.; weight without pots, 17 lbs.

Araucaria excelsa and glauca in excellent shape, 3 tiers, 5-in. pots, 60c, 75c and $1.00 each. Very fine specimens, $1.50 and $2.00 each, worth $3.00.

Spiraea compacta and floribunda. Fine bushy plants, my own importation; perfect jewels; 5½-6-in. pots, $3.00 per doz; Specimen plants, $4.00 per doz.

Hydrangea (Otaksa), 5-6-in. pots, $2.00 to $4.00 per doz.

Cineraria hybrida. Choice colors, 6-in. pots, $2.50, $3.00 and $4.00 per doz. In bloom now or at Easter. I have a house full of them.

Begonias. President Carnot and Semperflorens giganteum, also some other varieties, 6-in. pots, $3.00 to $4.00 per doz. Vernon and other good blooming varieties, 4-in. pots, $1.20 per doz.

Headquarters ...for... Easter Plants

BLOOMING EASTER WEEK.

Daisies (white) Marguerite. Fine bushy plants, 5-in. pots, $2.00 per doz.; 4-in., $1.00 per doz.

Liliums. Longiflorum and Harrisii. Fine plants, raised from bulbs 7x9, obtained of the well known firm of Henry F. Michell, 6-in. pots (from 5 to 10 buds to a plant), at the rate of 10c per bud. Height, 1½ to 2½ feet. No lilies sold by themselves; other plants must accompany them.

Cyperus (Umbrella plants), 4-in. pots, $1.00 per doz.

Corypha australis (Palms), fine plants, 14-18 in. high, 5-5½-in. pots, 50c each.

Dracena indivisa (imported), for decoration; 6-in. pots, 50c each.

Hyacinths (Dutch named), strictly my own importation, raised from bulbs that cost from $6.00 to $8.25 per 100. These fine hyacinths I am selling at the rate of $10.00 per 100; extra choice, $12.00.

Tournesol Tulips (double red and yellow striped), 3 in a 4-in. pot. They are simply beautiful and sell at sight. $1.50 per doz. pots.

Daffodils (Von Sion), double nose, 3 in a 5-in. pot, from $1.50 to $1.75 per doz. pots.

Geraniums, 3-in. pots, Mme. Thibaut, Pilot, and some other good varieties, $5.00 per 100.

Cash with order, please. Money can be sent safe by express, postal money order, registered letter or drafts on Philadelphia or New York banks. At such a busy time (packing and shipping) I have no time to inquire into recommendation letters. All goods shipped at purchaser's risk.

State if plants are to be emptied out of pots to save express charges or not.

Mr. G. Aschmann has very fine healthy Azaleas, Hydrangeas Easter Lilies, Spiraeas, Tulips, Hyacinths and other plants in bloom and bud. We can very highly recommend our customers to Mr. Aschmann for fair, reliable business treatment.

(Signed) Henry F. Michell,
Philadelphia, Feb. 21, 1901. 1018 Market St.

There is nothing too much said in Mr. Aschmann's ad.; all that is said is true.

(Signed) Thos. Logan,
Ashbourne, Pa. Head gardener to W. L. Elkins, Jr.

No use a-talking — Mr. Aschmann has a fine lot of Easter plants, and I can recommend him to any one, as I have known him for the last 20 years.

(Signed) Geo. Huster,
Head gardener of the Girard College.
Philadelphia, Pa.

Mr. Aschmann has a large stock of fine Easter plants, and am greatly surprised at the low prices he quotes on same.

(Signed) Wm. Kleinheinz,
Head gardener to P. A. B. Widener, Esq.
Ogontz, Pa.

GODFREY ASCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Importer and Wholesale Grower of Pot Plants.

Mention The Review when you write.

...DREER'S...
Novelties and Specialties

Campanula Isophylla Mayii.

In this new Bell-Flower we have one of the most important and valuable novelties of the season, and a plant that with only ordinary care can be grown by anyone; a plant for everybody. It succeeds best as a pot plant grown in a half shady situation, and may either be permitted to trail over the sides of the pot or staked and grown upright; under either condition it becomes one mass of flowers of a pleasing light blue color, and are produced continuously through the summer. Strong stock plants in 3-inch pots, 60 cents each; $5.00 per dozen. Good young plants in 2-inch pots, 25 cents each; $2.50 per dozen.

Deutzia Gracilis Rosea (new).

Identical with Gracilis in general habit, but with flowers fully double the size of that graceful variety, to which is added the additional charm of being suffused with a delicate rosy tint, just sufficient to relieve the dead white which is objectionable in the type, and which will undoubtedly place it in the front rank of shrubs for winter forcing. A limited lot of one-year-old plants. $2.00 per dozen; $15.00 per 100.

Anemone Japonica Queen Charlotte.

The finest of all the Anemones and a grand summer and fall cut flower. Strong 2¼-inch pots, 75 cents per dozen; $6.00 per 100.

Campanula Isophylla Mayii.

Polygonum Baldschuanicum.

A hardy climber of recent introduction from the mountains of Turkestan. It is of very rapid growth, frequently growing from 10 to 12 feet high in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white flowers, which are produced in the greatest profusion from July to September. A plant that is certain to meet with popular favor. Strong plants, 75 cents each.

Tuberous Begonia, "Duke Zeppelin."

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. Strong bulbs, 20 cents each; $2.00 per dozen; $15.00 per 100.

Frilled Tuberous-Rooted Begonia.

A most unique form, with very large single flowers which are entirely distinct from anything heretofore offered, the petals being wavy and beautifully frilled on the edges, similar to the newer forms of Petunias. A decided acquisition. Strong bulbs, 25 cents each; $2.50 per dozen.

Frond of Adiantum Charlottæ.

New Adiantum Charlottæ.

Our illustration gives a faint idea of the beauty and grace of this new Maidenhair; it is entirely distinct from all other varieties, and even more graceful than A. gracillimum, and possessing the advantage of having much stouter, stiffer stems, on account of which it forms more shapely plants, and increases its value for cutting purposes. Specimens of this handsome sort shown at the exhibitions of the Penna. Hort. Society during the past two seasons attracted the attention of all lovers of Ferns. Strong, 4-inch pots, 35 cents each; $3.50 per dozen.

Montbretia Crocosmiæflora Germania.

This new giant Montbretia has been under our observation for the past four years. It grows about 3½ feet high, is of sturdy habit, much branched, and produces most graceful spikes in the greatest profusion. They are well furnished with large six-petalled, widely expanded flowers, measuring over 3 inches across, probably the largest of the genus. The color is a rich glowing scarlet, shading to brilliant orange, with a blood-red throat. The buds and also the reverse of the petals are blood-red, a most striking combination of colors, making a grand effect. 20 cents each; $2.00 per dozen; $15.00 per 100.

Montbretia Germania.

Cactus Dahlias, Aezir, Loreley and Strahlen Krone.

Introduced by us last year, are three gems, and no collection is complete without them. Strong roots, 15 cents each, $1.50 per dozen; $12.00 per 100.

Twelve Choice Japanese Tree Paeonias.

We can supply twelve of the finest Japanese varieties in strong heavy plants, 80 cents each; $5.00 per dozen.

Yucca Filamentosa Bicolor.

This elegant plant has proven entirely hardy with us the past winter. We offer good, one-year-old plants, 35 cents each; $3.50 per dozen.

Our new Quarterly Trade List which has only recently been distributed, offers a complete line of all the leading novelties, together with a full line of seasonable stocks, with full lists of our specialties, as Decorative Plants, Water Lilies and Aquatics, and the most complete list of Hardy Perennials offered in this country. If you have failed to receive a copy advise us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA.

EASTER.

50,000 Low, cool grown, cut and in pots. Acknowledged best in New England. LILIES!

$12.50 PER HUNDRED

ALSO . . .

VIOLETS, DAFFODILS, VALLEY, HYACINTHS, CARNATIONS, CALLAS, ORCHIDS, BEAUTY, BRIDE, MAID, METEOR AND LIBERTY ROSES.

FLORISTS' SUPPLIES OF EVERY DESCRIPTION

GEO. A. SUTHERLAND,

TELEPHONE MAIN 1270

34 HAWLEY ST., BOSTON, MASS.

A PRE-EASTER RAMBLE.

With Robert Craig.

It was a glorious morning, clear and crisp, with scarce a touch of spring's mildness in the air, when I reached my destination. First came a chat with William P., who seemed to feel that a point of difference between Andrew Carnegie and himself was that while the steel king voluntarily rained libraries, he was obliged to rain papers. Every member of the club will agree with me in my support of the chairman of our essay committee: the papers were good and, like Oliver Twist, we ask for more.

Now, the man who taught me the possibilities in this business of hard work and slow advancement, but that is full of absorbing interest, appeared and we are off to see his place.

Five houses full of Japan grown lilies in grand shape, and, most important, on time. There are single stems, double stems, three stalks and four stalks to a pot, all well feathered and hard as nails. Several houses of azaleas follow, the feature of interest being the loose, graceful appearance of some of the plants, a departure from the Belgian closely trimmed type, which the buyers should encourage as they did the bouquet of today when it fought for supremacy with the stiff camellia centered bunch of our forefathers.

Then came some acacias and six plants of miniature cherries in pots, trimmed in true Japanese style and ready to burst into flower.

Spirea astilboides was well done in single plants. I missed the quartette in 10-inch pans, last year's novelty. Then Crimson Rambler roses, unusually shapely, the surface looking like an azalea crown, full of buds. Hydrangeas were there, well set with buds, and the first detachment of bulbs in pans, timed for the greatest event of the year to the church and the florist.

The morning was finished with a run up to "Will's," where, as his father truly said, the carnations are exceptionally well done. PHIL.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

NEW ENGLAND CUT FLOWER CO.

3 Ordway Place, Boston, Mass.

Wholesale and Commission Dealers in Cut Flowers

For Easter

A FULL LINE OF

Roses, Carnations, Violets, Longiflorum Lilies and Bulbous Stock

OF ALL KINDS.

The Newest Stand in New England, Bound to Give You Satisfaction.

LAWRENCE COTTER. LAWRENCE J. FLYNN.

3 Ordway Place, BOSTON, MASS.

Mention THE REVIEW when you write.

RARE HARDY WATER LILIES ALSO THE SACRED LOTUS AND ITS VARIETIES

Grown and Sold by

W. J. RICHARDS, WAYLAND, Portage Co., Ohio.

Write for Catalogue.

Mention The Review when you write.

ROOTED CUTTINGS.

Coleus Verschaffeltii, 75c per 100, $6.00 per 1000. Coleus Golden Bedder, Ageratum Blue Dwarf and Alyssum Carpet of Snow, 60c per 100, $5.00 per 1000. Stock Geraniums from 4 and 5-inch pots, with lots of cuttings, $8.00 and $10.00 per 100. Single and double Grant. Nutt, E. G. Hill, A. Riccard. Will have 10,000 of the above Geraniums, from all size pots, from April 15, on. Also Verbenas, Giant of California Petunias, Trailing and Dwarf Lobelias, AT LOW CASH PRICES.

JAS. AMBACHER, Long Branch, N. J.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

Pandanus Veitchii.

6-inch pots, 18 inches above pot, $1.00 each.
7-inch pots, 20 inches above pot, 1.50 "

JOHN WELSH YOUNG,

Germantown, Philadelphia, Pa

Upsal Station, Penna. R. R.

FOR EASTER

HEADQUARTERS FOR

ASPARAGUS PLUMOSUS NANUS

W. H. ELLIOTT

BRIGHTON, MASS.

CUT STRINGS, 8 FEET LONG, 50 cts. each.

Shipped to any part of the country.

Grafted Roses.

LIBERTY,

$18.00 per hundred.

MAIDS,

BRIDES,

GOLDEN GATES,

$12.00 per hundred.

$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

New Roses

THE BALTIMORE (Certificated), of the largest size, flowers throughout the entire season. $5.00 per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. $3.00 per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. $2.50 per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 316 N. Charles Street, BALTIMORE, MD.

Mention The Review when you write.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ilse	$7.00	$60.00	Crocker	$2.50	$20.00	Frances Joost	$1.00	$9.00
Guardian Angel	4.00	35.00	Peru	2.50	20.00	Cerise Queen	1.00	9.00
Sunbeam	10.00	75.00	Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	1.25	10.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.50	20.00	Armazindy	1.00	9.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	50.00	Argyle	1.00	9.00	McGowan	1.00	7.50
Marquis	4.00	35.00	Evanston	1.00	9.00	Evelina	1.00	7.50
Genevieve Lord	4.00	35.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle	$3.00 per 100; $25.00 per 1000.				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

Rooted Carnation Cuttings...

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

Sport, Pink	100	1000		100	1000
Armazindy	$5.00	$40.00	Armazindy, Fertia	$1.00	$7.50
Triumph, Flora Hill	1.50	12.50	Wm. Scott, McGowan	1.00	7.50
White Cloud, Evanston	1.50	12.50	Evelina, Robinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

SAMUEL S. PENNOCK. Wholesale Florist

Open from 7:00 A. M. to 9:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

SOME STORIES.

During a discussion upon bedding plants at a recent meeting of the Chicago Florists' Club a reference to the treatment plants often receive after they have been delivered to the buyer brought out some good stories.

Mr. Buettner told of an azalea that was delivered in fine condition at the kitchen door of a residence and the next day he was sent for to explain why the plant had no leaves or flowers left. On investigation he found that the cook, fearing the plant had been chilled during delivery, had set it on the stove awhile to take the chill out.

He told of another lady whose azalea was not doing well and who gave assurance that instructions had been carefully followed. She had not failed to "water it every day." He called and found the plant in a copper jardiniere and the water nearly to the top. She could not have watered it but once or twice more with safety to her carpets.

He had filled a vase of plants and the next day on going by discovered the coachman playing a heavy stream of water on the plants with all the force he could give it. He was so angry he went in and punched the coachman's nose, which seems a very effective way of conveying a hint.

This reminded Edwin Kanst of a story of a man-of-all-work who was discovered playing the hose upon plants in the manner described by Mr. Buettner. When called down he responded: "You can't tell me anything about handling a hose. I was in the fire department for three years."

Referring to the azalea incidents, Mr. McAdams said they sent with each plant a printed slip giving explicit instructions as to what to do and what not to do.

Worcester, Mass.—The first exhibition of the year of the Worcester County Hort. Society brought out a fine display March 14. Cinerarias, cyclamens and the bulbous stock was especially fine.

Waterloo, N. Y.—Smith & Kinney have succeeded to the business of Edney Smith.

For $5. Special for Easter.

1000 Dagger Ferns. 1000 Sprays. 1000 Bronze Galax. 1000 Green Galax. 100 Leucothoe Sprays

Cash with order. Stock A No. 1.

HENRY M. ROBINSON & CO.,

32, 34, 36 Court Square, - - BOSTON.

Mention The Review when you write.

FOR SALE.

1000 3-in. Tomato Plants in bud. Beauty, Lorillard and Sutton's Best-of-all. Extra fine, strong plants, per 100, $2.00. Dwarf, Champion, Mayflower, Sutton's, Beauty, from flats, 15c per 100; $1.25 per 1000. Lorillard, transplanted, 30c per 100. **Lettuce**—Silver Ball, 15c per 100; $1.00 per 1000. 200 3-in **Cineraria**, finest strain, strong plants, $2.50 per 100. 2-in. **Smilax**, $1.00 per 100.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

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BALL'S PALMS, ETC.

ARECA LUTESCENS. 2½-inch pots $8.00 per 100. Made up plants, 6-inch pots, 50c and 75c each; 8-inch pots, $1.50 each.
KENTIA BELMOREANA. 2½-inch pots, 3 to 4 leaves, $12.0 per 100; 3-inch, 4 to 6 leaves, 15c, 20c and 25c each (very strong); 4-inch, 5 to 6 leaves, 35c, 40c and 50c each (very strong); 5-inch, 75c each; 6-inch, 6 to 8 leaves, $1.00 and $1.25 each; 8-inch, $2.00 each.
LATANIA BORBONICA. 2½-inch pots, $4.00 per 100; 6-inch, 50c and 75c each. 8-inch, $1.50 each. Strong and stocky.
LIVISTONA ROTUNDIFOLIA. 4-inch, 35c each.
PANDANUS VEITCHII. 6-inch, $1.00 each.
PANDANUS UTILIS. 6-inch, 50c each.

PRICE LISTS. CHAS. D. BALL, Holmesburg, Phila., Pa.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2167. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA

NOVELTIES

OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in **Geraniums**, including the best of last years' and 1899 varieties. This year's leader is our new dwarf **"Little Pink."** No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. **"Clyde"** is the best Mammoth Bronze of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's **New Carnations**, also standard sorts.

Send for our descriptive price list, which also tells you something of the **best Garden Wheel Hoe on earth.** W. E. HALL, CLYDE, O.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Burpee's Seeds Grow

READ THIS! Extra strong, finest and best varieties. Plants from 2½-inch pots. Dreer's finest Double Petunias, $3.00 per 100, 50c doz. Fuchsias, finest 10 varieties, $3.00 per 100, 50c doz. Begonias, Erfordii, Sandersoni, $3.00 per 100, 50c doz. Antirrhinums, Imported German, extra colors and plants, $3.00 per 100, 50c doz. Ivy Geraniums, 6 varieties, and German Ivy, $3.00 per 100, 50c doz. Vinca variegata, $2.00 per 100. Salvia Clara Bedman, $2.00 per 100. Ageratum, 5 best, $2.00 per 100. Trailing Abutilon, variegated, fine, $4.50 per 100. Moonvines, 50c dozen. Cuphea, $1.00 per 100. Cash with order.

GEO. M. BRINKERHOFF, Springfield, Ill.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write S. D. BRANT, Clay Center, Kans.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered NOW FREE

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

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Variegated Vinca,

Transplanted plants from flats, by mail, prepaid, $1.50 per 100.

Primula Veris and Aquilegia Chrysantha, 2½-in., $2.00 per 100.

For Spring Delivery—Hardy Herbaceous Plants, strong, field-grown, as follows: Aquilegia, single and double mixed, Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilla Paniculata, $5.00 per 100. Cash with order, please.

CHARLES S. DUTTON,
85 W. 12th St., Holland, Mich.

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FOR IMMEDIATE DELIVERY.

HARDY HERBACEOUS PLANTS.

Unless otherwise stated stock is from 3½-inch pots.

	Doz.	100
Achillea Filipendula, 3½ in. pots	$ .10	$ 3.00
" The Pearl	.40	3.00
Agrostemma Coronaria	.40	3.00
Anemone Japonica Rubra, 2-in. pots	.30	2.00
Alyssum Saxatile Compacta, field-grown	.50	3.00
Artemisia, Wormwood	.50	4.00
Astilbe Japonica, 5 in. pots	.40	3.00
Arabis Alpinus, 2-in. pots	.30	2.00
Aster Alpinus	.40	3.00
" Novæ Angliæ	.40	3.00
" Pyramidalis Hybrids	.40	3.00
" Ptarmicoides	.40	3.00
Anthemis Kelwayii	.40	3.00
Arundo Donax var	.60	5.00
Aquilegia Vulgaris, mixed	.50	4.00
" Double White; field grown	.50	4.00
" Chrysantha; field grown	.50	4.00
Hardy Chrysanthemums, assorted; field grown	.50	4.00
Hardy Chrysanthemums, assorted, from 2-in. pots	.30	2.00
Caryopteris Mastacanthus, blue	.40	3.00
Coreopsis Lanceolata	.40	3.00
Clematis Davidiana	.40	3.00
Campanula Pyramidalis, mixed; field grown	.50	4.00
Chrysanthemum Uliginosum; field grown	.50	4.00
Delphinium Formosum, 2-in. pots	.30	2.00
" Azureana, 2-in. pots	.30	3.00
" Azureana; field grown	.50	4.00
" Sinensis Album; field grown	.50	4.00
" Elatum Hybridum; field grown	.50	4.00
" Nudicaule, 2-in. pots	.40	3.00
Dicentra Spectabilis; field grown	.60	5.00
Dianthus Barbatus; field grown	.50	4.00
Digitalis Monstrosa; field grown	.50	4.00
Eulalia Japonica, Zebrina, Japonica Var. and Gracillima	.50	4.00
Funkia Coerulea	.40	3.00
" Sieboldii Var; field grown	.60	5.00
Lavendula Vera; field grown	$ .50	$4.00
Lychnis Chalcedonica; field grown	.50	3.00
Lobelia Cardinalis	.40	3.00
Linum Perenne	.40	3.00
Lathyrus, mixed; from 2-in. pots	.30	2.00
Gypsophila Paniculata; field grown	.50	4.00
Gaillardia Grandiflora	.40	3.00
Geum Atrosanguineum; field grown	.50	4.00
Hemerocallis Flava; field grown	.50	4.00
" Sieboldii; field grown	.50	4.00
Hardy Pinks, 5 splendid varieties	.40	3.00
Hibiscus, Crimson Eye	.40	3.00
Helianthus Multiflorus Plenus, 2-in. pots	.30	2.00
" Soleil d'Or, 2-in. pots	.30	2.00
Heliopsis Pitcherianus; field grown	.50	4.00
Iberis Gibraltarica; field grown	.50	4.00
Primula Veris Elatior	.40	3.00
" Japonica	.50	4.00
Myosotis Palustris	.40	3.00
Phlox Decussata, 12 fine sorts, 2-in. pots	.40	3.00
Platycodon Grandiflorum, blue	.40	3.00
" Grandiflorum, white	.40	3.00
Pyrethrum Roseum; field grown	.50	4.00
Physostegia Virginiana, divisions	.50	4.00
Pentstemon, assorted; field grown	.50	4.00
Matricaria, double white	.40	3.00
Oenothera Frazerii, and Rosea	.40	3.00
Peony Herbaceous, assorted	1.50	10.00
Rudbeckia Golden Glow	.40	3.00
" Newmanii	.40	3.00
Scabiosa Cauca-ica; field grown	.50	4.00
Salvia Pratensis; field grown	.50	4.00
Statice Armeria	.40	3.00
" Latifolia; field grown	.50	4.00
Valeriana, mixed	.50	4.00
Tritoma Grandiflora	.40	3.00
Monarda Didyma, field grown	.50	4.00
Iris Siberian, field grown	.50	4.00
Spiræa, Anthony Waterer; 2-in. pots	.40	3.00
Adonis Vernalis, 2-in. pots	.30	2.00

PLANTS FOR EASTER FLOWERING.

Stock guaranteed just right for Easter sales, and prompt delivery in every case.

	Doz.	100
Daffodils, Von Sion, 4-in. pots, 2 bulbs	$1.50	$12.00
Spiræa Japonica, 6-in. pots	2.00	18.00
Chinese Primroses, 4-in. pots	1.50	8.00
Azaleas, assorted, 12-14 in.; each 75	$7.00	$
Pansies, large flowered; 4-in. pots	1.00	8.00

To insure prompt delivery and acceptance of order, write at once.

GREENHOUSE PLANTS.

	Doz.	100
Ageratum Princess Pauline, 2-in. pots	$ .30	$2.00
" Stella Gurney, 2-in. pots	.30	2.00
Heliotrope, purple, 2-in. pots	.30	2.00
Fuchsias, 5 varieties; 2-in. pots	.30	2.00
Lemon Verbena, 2-in. pots	.40	3.00
Hibiscus, assorted; 2-in. pots	.50	4.00
Abutilons, trailing, 2-in. pots	.40	3.00
Abutilon Savitzii, 2-in. pots	.40	3.00
Alyssum, Double Giant; 2-in pot	.30	2.00
Coleus, Golden Bedder and Verschaffeltii; 2-in.	$ .30	$2.00
Vinca Var, 3½-in. pots	1.00	8.00
" 2-in. pots	.30	4.00
Tradescantia, several sorts; 2-in. pots	.30	2.00
Myosotis, from 3½-in. pots	.40	3.00
Verbenas, very fine stock; 2-in. pots	.30	2.00
Salvia Splendens, 2-in. pots	.30	2.00

MISCELLANEOUS BULBS.

	Doz.	100
Gloxinias, very fine strain	$1.00	$6.00
Begonias, Tuberous Rooted, single white, pink, scarlet and yellow	.80	5.00
Begonias, Tuberous Rooted, double white, pink, scarlet and yellow	1.50	9.00
Caladiums, 4 to 5-in. pots, 7-9 bulbs	1.50	9.00
Lilium Auratum, 7-9 in	1.50	7.25
" Roseum	1.50	7.25
" Superbum	1.00	6.00
Amaryllis Johnsonii	$1.00	$25.00
Apios Tuberosa	.40	3.00
Cinnamon Vine, very strong	.50	3.00
Madeira Vine	.50	2.50
Oxalis Rosea and Lasiandra	.20	.50
Gladiolus, extra fine mixed	.30	2.00
Tuberose, Excelsior Pearl, large	$1.50 per $100; $10.00 per 1,000	

CASH PLEASE.

EDWARD B. JACKSON, Stamford, Conn.

KNOXVILLE, TENN.

The recent action of Prof. Scott, state entomologist of Georgia, in prohibiting the shipping of nursery stock from Tennessee into Georgia has been the cause of considerable discussion among the nurserymen of this state. A bill has been prepared and will be presented to the general assembly to create the office of state entomologist to inspect the nurseries of this state. N. W. Hale, of this city, is chairman of the committee having this bill in charge.

Prof. Scott's action did not precipitate this movement, as the initiative was taken by the appointment of that committee at the meeting of the East Tennessee Horticultural Society in September. Mr. Hale, in speaking of the proposed bill, said:

"At present, the state of Tennessee has no officer or law to protect the nurseries. The nursery stock in Tennessee is as free from disease as that of Georgia, but the action taken by Prof. Scott was merely carrying out the provisions of the Georgia law. This provides that no state shall be allowed to ship nursery stock into Georgia without its being inspected. The University of Tennessee has been making inspections, but as there is no law to protect them, these have been discontinued. This is what precipitated the action of Prof. Scott. All the large nurseries of Tennessee favor the passage of this bill and have requested that such be done. Unless it is passed in a short time our state will be debarred from doing nursery business with several other states, while other states can unload all their diseased stock on Tennessee."

A NEW FERN.

W. H. Hoffmeister, Fort Madison, Ia., sends us a photograph of a group of plants of a seedling nephrolepis that he found among his ferns some time ago. It is similar to the Boston fern and Mr. Hoffmeister reports that it is a rapid grower and makes fine specimens in a very short space of time.

BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Bruanti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar. $2.00 per 100; $18.00 per 1000. Same varieties 2½ strong, 2½-in., $2.50 per 100. Rose Geraniums, 2½-inch, $2.50 per 100.

PETUNIAS, double fringed, 8 varieties selected from Henderson and Dreer's latest sorts, also including White Fawn, Mrs. F. Sander and Pink Beauty. Large selected top cuttings, well rooted, $1.25 per 100, $10.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cutting, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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CARNATIONS. Extra Strong R. C. per 100.

Lawson, $4.00. Jubilee, $12.50. Crane, $2.00. Bradt, $1.50. Hill, Scott and Eldorado, each 75c.; per 1000, $6.00.

B. ERNST & SON, WASHINGTON, MO.

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Always mention the Florists' Review when writing advertisers.

NORWAY The Queen of Commercial White Carnations. Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st.

its vigorous free growth and a tendency to bloom early insures a safe investment.

EGYPT A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem. Exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per dozen; $10.00 per 100; $75.00 per 1000.

Genevieve Lord The Greatest Money-Making Pink.

A friend of the common people and a descendent of the great Wm Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100, **$50.00** per 1000.

All of the new ones of this year, the best of last year, and the BEST STANDARD VARIETIES.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; $5.00 per doz.; $30.00 per 100.

Complete list of other NOVELTIES and STANDARD VARIETIES. Catalogue ready; write for it.

H. WEBER & SONS, OAKLAND, MD.

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Carnations for APRIL DELIVERY...

READY APRIL 1st.

A few thousand Joost left at				$12.00	per 1000
Olympia, $3.00 per 100;		Ethel Crocker,	$2.50 per 100,	20.00	"
Peru,	2.50 "	Mrs. Bradt,	2.50 "	20.00	"
L. Paul,	2.00 "	America,	2.00 "	15.00	"
White Cloud			1.50 "	12.00	"
Flora Hill			1.25 "	10.00	"
Jubilee			1.50 "	12.00	"

Fine healthy cuttings, well rooted. Cash with order please.

BAUR & SMITH, 380h and Senate Avenue, INDIANAPOLIS, IND.

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Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

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Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

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Unrooted Carnations.

Cuttings of TRIUMPH, 50c per 100; as fine Cuttings as were ever taken.

FLORA HILL, 50c per 100.

SCOTT, 50c per 100.

Will Exchange for Rose Stock.

E. C. NEWBURY,

MITCHELL, South Dakota.

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NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorotliy, Norway & Egypt.	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

March Prices.

Ethel Crocker has been with us all that I claimed for it, but not with some of the growers. If you can get the results I do it will be your best pink and in order to have it tried a second season I offer it free by mail for $2.50 a 100.

Elm City is a white that has given me excellent results, and as it is comparatively unknown I make the same offer with it—free by mail at $2.50 per 100.

Genevieve Lord, Mrs. Lippincott, White Cloud, Bradt, Olympia, Lesli. Paul, Gomez and Maceo at reduced prices for March. Send for them.

ALBERT M. HERR, - LANCASTER, PA.

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On Top—As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

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For Quick Sale.

Extra fine

Rooted **CARNATION** Cuttings direct from the sand.

Cannot be Beaten in Quality, Will not be Beaten in Price.

Send us your list of wants, we will make prices right for you.

The Harms' Park Floral Co.,

Berteau Ave., near Western Ave., CHICAGO.

For list of Varieties see Classified Advs.

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Always mention the Florists' Review when writing advertisers.

Unrooted Morning Glory Cuttings, $1.75 per 100, $15.00 per 1000.

SEE OUR LOW PRICES ON SMALL LOTS.

	Per 100
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeKoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Avondale, pink, Hill, 1901	4.00
Ethel Crocker, pink, 1901	3.00

	Per 100
Flora Hill, white	$1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

5 cuttings at 100 rate.

...PLANTS...

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
New Geranium De Koo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud, 3-in	10.00
Alternantheras, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cuphea Platycentra, 2½-in	1.50
California Moss, hanging basket plant, 2½-in.	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2½-in	1.50
Vinca, green trailing, 2½-in	1.50

	Per 100
Vinca, green trailing, 3-in	$4.00
Vinca, variegated, 3-in	2.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.25
Nasturtiums, tall, also dwarf, mixed, 2½-in	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Cannas, started plants from strong bulbs, Triumph, Progression, Burbank, A. Bouvier, 4-in	2.50
	5.00
Petunias, choice double mixed, 4-in	10.00

	Per 1000
Pansy Plants, from cold frames, small	5.00
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rate, 250 at 1000 rate. Cash, or K. C. and Plants will be sent C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

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WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, - QUEENS, N. Y.

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SELECTED ROOTED CUTTINGS

CARNATIONS

	Per 100	Per 1000
The Marquis, rich pink	$5.00	$40.00
Morning Glory, light pink	4.50	30.00
Mrs. Lawson, famous pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Daybreak, flesh	2.00	15.00
Melba, fine pink	2.00	15.00
Mrs. Joost, money maker	2.00	15.00
Wm. Scott, pink	1.00	10.00
White Cloud, fine white	1.50	12.50

We would call special attention to MARQUIS which is of unusual excellence.

	Per 100	Per 1000
Flora Hill, large white	$1.50	$12.50
Pern, white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, scarlet	3.00	25.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, variegated	3.00	25.00

Also all Novelties of this Year at Introducers' Prices.

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots, Brides and Maids, $3.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

ROOTED CUTTINGS OF

CARNATIONS!

Let us figure on your wants.

CHICAGO CARNATION CO., Joliet, Ill

Mention The Review when you write.

McKellar & Winterson

45, 47, 49 Wabash Avenue, CHI

EASTER CUT FLOWERS.

Our stock for Easter trade will consist of large supply of the following:

CUT FLOWERS. PRICE LIST.

	Per Doz.		Per Doz.		Per Do
Roses, Am. Beauties, long..	$ 6.00 to $ 8.00	Carnations, our selection, ass't	$ 3.00	Roman Hyacinths	$
" " medium...	3.00 to 5.00	Lilies, Harrisii	$12.00 to 15.00	Dutch "	$ 4.00 to
" " short...	1.50 to 2.00	" Callas	12.00 to 15.00	Daffodils	2.00 to
" Meteors, Maids, Brides	6.00 to 8.00	Violets, double	.60 to 1.00	Jonquils	2.00 to
" Perles	5.00 to 6.00	" single	.50 to .75	Tulips, fancy	
" our selection, assorted		Valley	3.00 to 4.00	" ordinary	
" good seconds		Mignonette	3.00 to 5.00	Forget-me-nots, Daisies	.75 to
Carnations, extra select	4.00 to 5.00	Marguerites, white	1.00 to 1.50	Pansies	
" good quality	3.00 to 4.00	Paper Whites	3.00		

DECORATIVE STOCK. PRICE LIST.

Wild Smilax, No. 3, 25 lbs., per case, $3.00
" " No. 4, 35 " " " 4.00
" " No. 5, 40 " " " 5.00
" " No. 6, 50 " " " 6.00
Ferns, Adiantum.. per 100, $1.00 to $1.25
" common fancy, per 100, 25c; per 1000, $2.50.
Galax Leaves, per 100, 15c; per 1000, $1.25
Leucothoe Sprays, per 100, $1.00; per 1000, $8.50.
Smilax, per doz., $2.00 to $2.50; per 100, $15.00 to $20.00.
Asparagus Plumosus Strings, per string, 75c to $1.00.
Asparagus Plumosus Sprays, per bunch, 50c to 75c.
Asparagus Sprengeri Sprays, per bunch, 25c to $1.00.
Sabal Palm Leaves, per 100, $3.00 to $5.00

Jardinieres and Pedestals

FOR EASTER TRADE.

It is an easy matter to sell plants by having a good selection of Jardinieres, etc. to show them up to advantage. You not only are able to get better prices for your stock but you can also rapidly make one hundred per cent profit on the Jardinieres. We have an immense stock of this ware, especially suitable for Easter trade, and our prices are right.

Jardiniere Assortments.

We make a specialty of putting up assortments of Jardinieres for the retail florists, and our customers leaving assortment to us will be assured of getting the best selling Jardinieres on the market; we carry no others. Dead ones are cast off our list. We carry an immense variety of Jardinieres and supply different styles in all assortments, and can furnish at following prices:

	Per dozen
5-in. Jardinieres assorted styles and colors.	$ 3.00 to $ 4.00
6-in. " " " "	5.00 to 6.00
7-in. " " " "	7.00 to 8.00
8-in. " " " "	9.00 to 12.00
9-in. " " " "	12.00 to 15.00
Assortments, including all the above sizes	7.50 to 9.00

Jardinieres and Pedestals.

We have a line of Jardinieres and Pedestals that we sell from $1.50 each up to $25.00 each. Satisfaction guaranteed.

EASTER SUPPL

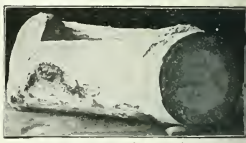
Ribbo

Remember in selling Cut Flowers the cr tastefully tied. A Ribbon of the proper shad otherwise. Some of the colors we supply are: White, Cream, Purple, Green, Yellow, Orange, colors. Send us your order now.

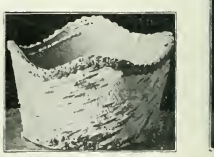
No 2	No 5	No 7	No 9	N
30c	50c	65c	80c	$

The prices quoted are for Ten-Yard Bolts. In

Special Easter Nove



WINDOW AND TABLE LOGS
Can also be suspended as Hanging Basket.



FERN DISH COVER

CANOES	9-in. $3.30.
LOGS	6-in. $3.00, 9-in. $3.
POT COVERS	
FERN DISH COVERS	
WINDOW BOXES	
TULIP HANDLE BASKETS, fancy, 4 sizes	
EASTER EGG BASKETS, fancy, 3 sizes	
HANGING BASKETS, fancy, assorted styles, 3 s	
EGG POT COVERS, fancy, 3 sizes	
STUMP OF TREE, large, very showy, 3 sizes	
ROUND BASKET, 3 sizes	
BOOT, very natural, 3 sizes	$1.00, $1.50, $2.0

All kinds of specialties made to order in th and we will gladly quote you prices on your wa demand is heavy on it. Send orders direct to us

Modern Supply House

GO. Dealers in Everything for Florists.

BLOOMING PLANTS FOR EASTER.

We have to offer a good supply of blooming plants for Easter trade. These nts are sold on a very small commission and therefore are strictly cash with er. All plants packed in the most careful manner possible, and are shipped express only. Get your orders in early on all plants and cut flowers. Or- s filled in rotation, and prices subject to stock being unsold upon receipt of er. Our experience in shipping blooming plants has been very satisfactory we have been successful in securing a good lot of stock for this Easter's le. Parties requiring anything in this line will do well to correspond with us.

	Per Doz.
Easter Lily Plants, select	$ 9.00 to $12.00
" " 2d grade	4.00 to 6.00
Calla Lily Plants, select	5.00 to 6.00
2d grade	3.00 to 4.00
Azaleas, select	18.00 to 24.00
2d grade	12.00 to 15.00
Spirea, select	4.00 to 5.00
2d grade	3.00 to 4.00
Hyacinths, select	1.50
2d grade	1.00 to 1.25
Crimson Ramblers	12.00 to 15.00

Daffodils, in pots or flats	per 100 flowers,	$4.00
Tulips, in pots or flats	per 100 flowers,	$3.00 to 4.00
American Beauty, in bud and bloom	per dozen,	$4.00 to 5.00
Roses, assorted, in bud and bloom	"	3.00 to 5.00
Valley Plants, pots well furnished	"	3.00 to 4.00
Violets, very choice	"	3.00 to 4.00

ND NOVELTIES.

aster.

of the entire assembly is a contrasting Ribbon owers a touch of richness impossible to obtain y. Bridesmaid, Meteor, Holly-Berry, Lavender, et. Black and all the different shades of leading

No. 22	No. 30	No. 40	No. 60
$1.50	1.65	$1.75	$2.00

above kindly mention on order Special Brand

er Birch-Bark Ware.

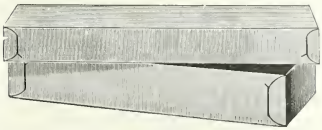
WINDOW BOX

POT COVERS

$7.90. 18-in. $10.50. 21-in. $13.25. 24-in. $16.60 per doz.
n. $6.00. 18-in. $7.20. 21-in. $8.40. 24-in. $9.60 "
5-in. $3.00. 6-in. $4.00. 7-in. $5.00. 8-in. $6.00 "
5-in. $2.40. 6-in. $3.00. 7-in. $3.60. 8-in. $4.20 "
.....9-in. $7.00. 11-in. $9.00. 14-in. $11.00 "
.....$1.50. $2.00. $2.50. $3.00 each
.....75c. $1.00. $1.25 "
.....50c. 75c. $1.00 "
.....75c. $1.00. $1.25
.....$2.00. $2.50. $3.00 "
.....$1.00. $1.50. $2.00
. very natural, 3 sizes.....$1.00. $1.50. $2.00 "

you desire anything not listed above, write us ith your order early for the above ware, as the t delivery.

REMEMBER we are HEADQUARTERS on all Florists' Stock and Cut Flowers and can supply you with best goods at most reasonable prices. We carry the largest and most complete stock of desirable Florists' Goods of any house in the United States and are prepared to take proper care of your orders.



Flower Boxes

We carry a complete stock of Folding Boxes on hand and can supply at regular factory prices on short notice. Note reduced price list. In ordering boxes by telegraph it is only necessary to mention letter or number of box desired, thus: One hundred D boxes, etc.

	Size	Per 100		Size	Per 100
A	3 x16x4	$2.00	J	3½x18x7	$2.95
B	.3 x12x5	1.60	K	.3½x21x7	3.20
C	.3 x15x5	1.90	L	4 x15x8	2.95
D	.3 x18x5	2.10	M	.4 x18x8	3.30
E	.3½x24x5	3.10	N	.4 x21x8	3.60
F	.3½x12x6	2.00	O	.4 x24x8	3.90
G	.3½x15x6	2.50	P	.4 x28x8	5.00
H	.3½x18x6	2.70	Q	.5 x36x6	5.70
I	.3½x15x7	2.70	R	.5 x21x8	3.90

Extra Heavy Boxes for Shipping.

	Size	Per 100		Size	Per 100
S	.5x24x8	$4.25	V	.6x30x12	$ 8.30
T	.5x28x8	5.50	W	.6x36x14	10.00
U	.5x36x8	6.50			

Floral Design Boxes.

	Size	Per 100		Size	Per 100
1	5x23x12	$ 6.25	4	.6x24x20	$11.00
2	.6x20x16	8.85	5	7x26x17	12.00
3	.6x25x20	10.00	6	.6x20x18	9.25

The last five sizes are full telescope.

Violet Boxes.

	Size	Per 100
7	2¾x6½x3¾	$1.35
8	3½x8 x4	1.50
9	5 x9 x6	2.00

BOWLING.

Respectfully submitted to [illegible] O'Mara, John Wescott, G. Asmus, F. Daillebouze, Phil Scott, A. Graham, F. Hitzinagle, J. J. Beneke, and the bowling cranks at large.

It may not be generally known that there is very little of the sporting element in my make-up, but in spite of that I was elected president of the National Florists' Bowling League, an honor that I greatly appreciate. There is lately received an intimation or suggestion from some cities that a three-man team would be a good inovation in our bowling tournament. There are several ways of looking at this.

Some will say there is not time. This could take the place of the individual roll, and again the six-man teams need only roll two games, which is the usual number in all tournaments. The fact is, our bowling is a recreation evolved and sustained for the greatest amount of fun for the greatest number, and six men, or rather six good bowlers, is more than several cities can muster. They could furnish three good men, but not six. I will offer no suggestions, but this one, viz., that cities that were represented by six men would be debarred from entering a three-man team. Think it over, you enthusiasts, and let us have your opinion either through these pages or by letter.

William Scott,
Full Title, P. N. F. B. L.

FOR EASTER!

Longiflorum Lilies

IN POTS,

...AND...

Crimson Ramblers

You are cordially invited to inspect our stock. Electric cars from North and South Union Stations. Plants ready for shipment at once.

Rosemere Conservatories

LAWRENCE COTTER, Manager

Centre Street, Dorchester, Mass.
Mention The Review when you write.

BULBS FOR SPRING AND SUMMER.

BEGONIAS—Tuberous Rooted.

Single giant flowering, separate colors—white, rose, red, yellow and orange; 1st size, 1¼ to 2 in.	$0 40	$2 50
2d size, 1 to 1¼ in.	30	2 00
Double giant, flowering, separate colors, 1st size.	75	5 00
2d size	60	4 00

CALADIUM Esculentum (Elephant's Ear).

	12	100
5&7in	$0 50	$2 00
7&9"	60	3 00
9&11 in	75	5 00
Monster	1 00	7 50

CALADIUM Fancy Leaved.

NOTE It pays to grow only the best and of most brilliant coloring. We offer the **finest named** sorts, dozen, $1.50; 100, $10.00. Good sorts, dozen, $1.00; 100, $7.00. Very rare sorts produce only small bulbs. The commoner the variety the larger the bulb.

CANNA.

We can furnish Standard sorts: A. Bouvier, Chas. Henderson, Pres. McKinley, Mme. Crozy, Queen Charlotte, Paul Marquant, Pres. Carnot, Vaucheri, Mlle. Berat, Austria, Italia, Burbank, etc. Good strong roots, 1 to 3 eyes, 50c. per doz.; $3.00 per 100.

Mixed, above sorts, 30c. per doz.; $2.00 per 100.

GLADIOLI.

	12	100	1000
MAY, True sort, florists' favorite forcer, large bulbs.	$0 50	$2 00	$15 00
Very good flowering bulbs.	25	1 75	15 00
Peerless Mixture, 50 per cent. white and light red, 1st size.	20	1 25	10 00
2d size	15	1 00	7 50
American Hybrids, unexcelled.	20	1 25	10 00

For prices on separate colors see our catalogue.

GLOXINIAS.

	12	100
Finest mixture, 1st size, 1¼ to 2 in.	$0 80	$8 00
" " 2d " ¾ to 1¼ in.	50	3 25
Separate colors, 1st size.	50	3 50
" " 2d "	40	2 50

TUBEROSE—Excelsior Pearl.

	100	1000	2000
4&6inch	$0 75	$5 00	$9 00
3&4	40	2 75	5 00

TIGRIDA Conchiflora.

	12	100
Yellow, red or mixed	$0 30	$2 00

LILIES.

	10	100
Lil. Auratum, 7&9 (10&12)	$0 60	$4 00
9&11	1 00	6 50
Rub., 7&9	60	4 00
Melp., same price as Rub. 9&11.	1 00	6 00
Alb. 7&9 inch.	75	5 50
9&11 "	1 00	6 00
Tiger	50	3 50

Very valuable for cut flowers in summer, exceedingly free blooming and showy, good sellers.

Lil. Elegans or **Thunbergianum** in brilliant scarlet, orange, velvet crimson, apricot; strong bulbs, all flowering; 60c per doz.; $4 00 per 100.

Pictures of these to buyers on application.

DORMANT
FERN WREATH

Hangs up like Fern Ball.

Sells Better. More Effective.

1st size 11½ in. diam., 50c. each; $5.00 per 12; $40.00 per 100.

2d size 9-10 in. diam., 40c each; $4.00 per 12; $30.00 per 100.

IRIS Kæmpferi in choicest sorts, strong clumps. $1.25 per doz; $8.00 per 100.

Ready: CYCAS REVOLUTA.

Our specialty for the past 15 years; our firm was the first to import these in the U. S. in 1885. 10 lbs for $1.00; 100 lbs for $8.00. Write for prices on quantities.

Seasonable Flower and Other Seeds.

Asparagus pl. nanus, 100, 85c.; 1000, $7.00
Sprengeri, 100, 35c.; 1000, $2.50; 5000, $10.00.
Cobæa Scandens, pkt., 10c; oz., 30c.
Sweet Pea Seed, standard sorts, 1lb., 25c.; 5 lbs., $1.00.
Eckford's Hybrid, mixed, lb., 20c.; 5 lbs., 85c.
Stocks, Cut-and-Come-Again, Beauty's Prize Strain, in separate colors, pkt., 25c; oz., $1.00.
Wistaria Sinensis, blue, pkt., 15c; oz., 30c.

FRESH CROPS.

Primula Sinensis fimbriata, in separate colors, 100 seeds, 25c; 1000 seeds, $1.75.
Mixed, 100 seeds, 20c; 1000 seeds, $1.50.
Cineraria hybrida grdfl., unsurpassed strain; brilliant tints, pkt., (about 500 seeds), 25c.; 3 pkts. $1.00.
Cineraria dwarf nana, same price.
Pansies, The cream of the European market Scotch, French, German. In any color, separate or named variety. 1000 seeds, 25c; 5000 seeds, $1.00.

FRESH PALM SEEDS.

	12	100	1000
Cocos Weddelliana	$0 20	$1 00	$7 00
Kentia Belm. or Forst	15	60	4 00
Latania borbonica	10	40	2 50
Phœnix canariensis		25	2 00
reclinata, true	15	50	4 00
Washingtonia filifera		25	2 00

SEND FOR OUR CATALOGUES.

H. H. BERGER & CO., EST. 1878. 47 Barclay St., NEW YORK.

Mention The Review when you write.

20,000 Blooming Plants for Easter.

1000 Crimson Ramblers, unique designs, **$1.50** to **$25.00.**
1000 Hydrangeas, the finest in the market, **$1.00** to **$5.00.**

A large assortment of choice **Hyacinths** in pans, **$12.00** per doz. **5000 Lilium Longiflorum**, **12c** per bloom. A large assortment of **Hybrid Roses**, **$5.00** per doz. and up. **Genistas**, **$4.00** to **$12.00** per doz. **Spirea**, **$4.00** per doz. and up. **Azaleas**, **$1.00** to **$5.00** each. **Rhododendrons**, **$1** to **$5** each. **2000 Davallian** fern balls and designs, **75c** to **$2.00.**

Also a large assortment of PALMS AND ORNAMENTAL PLANTS. Cash with order.

H. C. STEINHOFF, 578 Hudson Boulevard, WEST HOBOKEN, N. J.

Mention The Review when you write.

Roses! Roses! Roses!

We make the growing of Roses a specialty and carry an immense stock of them, having TWO MILLION now on hand. You are invited to inspect this stock. Our aim is to give value for value. We wish to merit the full confidence of every customer we have. It is this method of dealing that has built our trade up in the few years we have been in business until we lead the world in Roses.

The following varieties at 40 cents per dozen, $2.50 per 100, $20.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

Alister Stella Gray.
Antoine Verdier.
Aerippina.
Augustine Halem.
Aline Sisley.
Adam.
Archduke Charles.
Beauty of Stapleford.
Bridesmaid.
Bongere.
Bon Silene.
Bertha Clavel.
Baltimore Belle.
Caroline Goodrich.
Comtesse de Frigneuse.
Catherine Mermet.
Christine de None.
Crown Princess Victoria.
Climbing Meteor.
Coquette de Lyon.
Cloth of Gold.
Clothilde Soupert.
Cornelia Cook.
Champion of the World.
Climbing Bridesmaid.
Duchess de Brabant.
Dr. Grill.
Duchess of Albany.
Devoniensis.
Enchantress.
Empress Eugenie.
Empress of China.
Etoile de Lyon.
Gen. Tartas.
Gen. R. E. Lee.
Henry M. Stanley.
Hon. Edith Gifford.
Isabella Sprunt.
James Sprunt.
Jules Finger
Kaiserin A. Victoria.
La Princess Vera.
La France.
Lamarque.
Mme. de Watteville.
Mme. Elie Lambert.
Mme. Lambard.
Mme. Scipion Cochet.
Mme. F. Kruger.
Media.
Manda's Triumph.
Marie Guillott.
Mme. A. Carriere.
Mme. C. Kuster.
Maid of Honor.
Maman Cochet.
Mrs. Robt. Garrett.
Mme. de Vatry.
Mme. Jos. Schwartz
Mme. Schwaller
Mme. Welche
Mme. C. Berthod
Mrs. Lovett.
Meteor.
Marie Van Houtte.
Marechal Niel
Mme. Margottin.
Mariel Graham.
Mosella.
Pink Soupert
Polyanthas (10 varieties).
Pink Rambler.
Papa Gontier.
Princess Sagan.
Pink Daily.
Queen's Scarlet
Reine Marie Henriette.
Royal Cluster
Souv. Pres. Carnot
Sombreuil.
Solfaterre.
Safrano.
Souv. de la Malmaison
The Queen.
Triomphe de Pernet Pere
Triomphe du Luxembourg
The Bride.
Viscountess Folkstone.
Wichuraiana.
White Rambler.
White Bongere.
White Daily.
White Maman Cochet
White La France.
Yellow Rambler.
Zelia Pradel.

The above Roses from 4-in. pots, strong plants, $8.00 per 100, except Marechal Niel, which is 15c each.

The following varieties at 50 cents per dozen, $3.00 per 100, $25.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

Climbing Paul Neyron.
Climbing Wootton.
Crimson Rambler.
Climbing Malmaison.
Clara Watson.
Duchess of Edinburg.
Evergreen Gem.
Francis Dubreuil.
Gardenia (Evergreen variety).
Golden Gate.
Helene.
Hermosa.
Jersey Beauty.
J. B. Varrone.
Mrs. Robt. Peary.
Marion Dingee.
Perle des Jardins.
Princess Venosa.
Pres. Cleveland.
Queen of the Prairies.
Russell's Cottage.
Souv. de Cath. Guillot.
Souv. de Wootton.
Souv. de Madame E. Verdier
Sunset.
Waltham Queen.
White Perle des Jardins.

The above varieties from 4-inch pots, strong plants, at $10.00 per 100.

NEWER ROSES.

	Doz.	100
Antoine Rivoire	$0.60	
Ada Carmody	1.00	
Aurora	1.00	
Albert Stepford	1.00	
Admiral Dewey	1.00	$6.00
Baldwin	.75	5.00
Duch. de Arenberg	1.00	
Ferdinand Jamain	.75	4.00
Gruss An Teplitz	.60	4.00
Gardenia	1.00	
Johanna Wessenhoff	$2.00	$
Lady Dorothea	1.00	6.00
Meta	1.25	
Mme. Bouliet	1.00	
Mme. Russon	1.00	
Mrs. Mawley	1.00	
Pierre Mignon	1.00	
Psyche	.75	6.00
Queen Olga of Greece	1.00	

HYBRID PERPETUAL ROSES.

In the following varieties at 50 cents per dozen, $3.00 per 100.

Anna Diesbach.
Clio.
Dinsmore.
Gloire de Ex. Bruxelles.
Giant of Battles.
Gloire de Lyonnaise.
La Reine.
Mme. A. de Rongemont.
Mme. Chas. Wood.
Prince Camille Rohan.
Vick's Caprice.
Ball of Snow.
Capt. Christy.
Francois Levet.
Gen. Jacqueminot.
Gloire de Margottin.
Jubilee.
Louis Van Houtte.
Mme. Plantier.
Mme. Masson.
Paul Neyron.

The above Hybrid Roses from 4-inch pots, strong plants, $12.00 per 100.

We also offer choice stock of the following **PLANTS.** All plants are from 2½-inch pots unless otherwise noted.

	Doz.	100
Asparagus Sprengeri	$0.40	$2.50
Asparagus Plumosus Nanus	.50	3.50
Acalypha Sanderii	.50	2.00
Acalypha Triumphans	.50	2.50
Acalypha Marginata	.50	2.50
Alocasia (Lemon Verbena)	.50	4.00
Abutilons, 6 best varieties	.40	2.50
Alyssum, sweet double	.40	2.50
Ageratum Stella Gurney	.40	2.00
Ageratum Princess Pauline	.40	2.50
Begonias, 8 best flowering kinds	.50	3.00
Bougainvillea Sanderiana	.75	6.00
Coleus, best bedding varieties	.35	2.50
Caladium Esculentum, good bulbs	.50	3.50
Caladium Esculentum, ex strong	1.00	6.50
Carnations, leading varieties	.40	2.50
Cyperus Alternifolius	.40	2.50
Cannas started in pots, best sorts	.60	4.00
Crotons, a grand collection	.50	3.00
Chrysanthemums, choicest vars.	.40	2.50
Cyclamen Per. Giganteum	.50	3.00
Calla lilies, good blooming bulbs	.75	6.00
Calla lilies, sm'l blooming bulbs	.50	3.50
Calla, spotted leafed, large bulbs	$0.50	$3.50
Clerodendron Balfourii	.40	2.50
Dahlias, choice collection	.60	5.00
Marguerite Daisies	.50	3.00
Dracaena Indivisa, strong	.40	3.00
Fuchsias, choice assortment	.40	2.50
Boston Ferns, per 1000, $25.00	.50	3.00
Fern Compacta Cordata	.40	2.50
Geraniums, best double and sing	.50	3.00
Grevillea Robusta	.40	2.50
Hibiscus, 10 leading sorts	.40	2.50
Hibiscus Peach Blow, new	.75	....
Hoya Carnosa, wax plants	1.00	....
Heliotropes, 6 best varieties	.40	2.50
Honeysuckles, 4 sorts	.40	2.50
Jasmines, 8 varieties	.50	3.50
Weeping Lantana	.35	2.00
Ponderosa, the wonderful new lemon fruit of enormous size	1.00	7.00
Moon Flower, white or blue	.50	3.00
Olea Fragrans (sweet Olive)	1.75	....
Oleanders, 3 colors	.50	3.50
Orange Otaheite	.50	3.00
Hardy Perennial Phlox	$0.50	$3.50
Plumbagoes, 2 kinds	.50	3.50
Hardy Scotch or May Pinks	.40	2.50
Palms, seedlings from 2½-in. pot	.60	4.00
Phrynium Variegatum	.60	4.00
Chinese Primrose	.50	3.00
Primula Obconica	.35	2.00
Baby Primrose	.40	3.00
Pansies	....	.60
Russellias, two new kinds	.40	3.00
Salvias, 3 colors	.40	2.50
Sansevieria Zeylanica	.40	3.00
Smilax	.20	2.00
Solanum Azureanum	.40	2.50
Stephanotis Floribunda	.50	2.50
Blue Spirea	.40	3.00
Dwarf Pearl Tuberoses, $6.50 per 1000	....	.75
Verbenas	.35	2.50
Violets, 6 leading kinds, double or single	.40	2.50
Vinca Major Variegata	.35	2.50

Our Wholesale Catalogue is now ready and will be mailed to all applicants. Write for it, as our prices will be sure to interest you.

THE GOOD & REESE CO.

The Largest Rose Growers in the World. SPRINGFIELD, OHIO.

AN EMPLOYES' ASSOCIATION.

I am more than pleased to notice that "Employe" has taken up Mr. Herman Knope's subject in a much more practical form, which is several strides forward. Brief discussion can be of little benefit, but I believe that if an association can be organized and the members discuss the matter exhaustively (for is it not an industrial problem like any other labor question?), the results would be of inestimable benefit to all concerned.

Now that the subject is under discussion I, for one, trust that the opportunity will not be allowed to pass without something definite being done. Were some organization established on a broad basis, as it ought to be, employes could benefit themselves and others in a thousand and one ways that may not at once be seen. I would suggest that those who are in a position to do so form a club, inviting Chicago employes to become visiting members and all employes out of Chicago to become members by correspondence. The corresponding members would, I believe, give life to the main body. Should this not be practical how would it answer to establish a two or three page journal for employes through which a proper and full exchange of thought could be had?

Employers themselves would, I am sure, be working in their own interests by encouraging such a movement.

W. K.

[Certainly there should be no difficulty in forming such an organization if there is any real desire for it among employes. W. K. could start the work by consulting a number of other employes and formulating a call for a meeting, attaching to the call the names of those who favored the project. And at the meeting the details of effecting an organization could be arranged in accordance with the views of the majority. The suggestion regarding a journal is, we fear, going a little too far, at least for the present. It costs a good deal of money to issue even a modest journal, and the expense might swamp the treasury. THE REVIEW will willingly give space to a report of the proceedings of the association if organized, and no doubt the other trade papers would do likewise. And if any really general interest is developed THE REVIEW will give the employes a page of their own every week.—Ed.]

Permit me, through the columns of your paper, to indorse the remarks made by "Employe" in the REVIEW of the 21st, and I hope that his idea will be carried out. I would be pleased to give it my support, and I think every one who takes an interest in his work should do the same.

ANOTHER EMPLOYE.

I like the idea of an Employes' Association and hope the project will go through. I shall certainly be a member if it is organized.

C. J. R.

CINCINNATI, OHIO.—Thomas Knott, a pioneer florist of this city, died March 7, aged 85 years.

FOR EASTER.

Large Vinca var., with long vines in bloom, nothing can equal them as a decorative plant. **ORDER NOW** and remember they are **full of bloom** and are beauties, **$10.00** and **$15.00** per 100.

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Anthemis (dble. yellow Marguerite)	2.00
Chrysanthemum Merry Xmas, best late white	2.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

	Per 100
Fuchsia, 8 varieties	$1.50
" Sunray	2.00
Fuchsia, Trailing Queen	2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.50
Impatiens Sultani	1.25
Ivy Kenilworth	1.00
Impatiens Sultani	2.00
Lantanas (Assorted)	1.50
Lemon Verbena	1.50
Lobelia	1.00
Manettia Bicolor	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

GERANIUMS.	Per 100
Best bedding varieties	$2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought and Mme. Bruant	2.00
S. Crozy, one of the finest, scarlet bedders	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, mixed	1.50
" named	2.00
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00

New Set of 20, post paid, $1.00

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$8.00
Alyssum, Variegated, 2¼-in.	4.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	6.00
Coleus, 2-in	3.00
Daisy Snowcrest, 2¼-in	4.00
" " 3-in	6.00

	Per 100
Fuchsia, Trlng Queen, 2¼-in	$4.00
Forget-Me-Not, 2½-in	3.00
Geraniums — Bronze, Silver Leaf, Freak of Nature, 2½-in	4.00
Mrs. Parker, 2½-in	6.00
Common Named, 2¼-in	3.50
L'Elegant Var. Ivy, 2-in.	6.00
Hydrangea P. & W. 3-in	20.00

	Per 100
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var. 2½-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00

Will exchange for 100 Bronze Leaved Cannas.

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

Mention The Review when you write.

Bargains in... PALMS

A few thousand to clear for cash
AT RED LETTER PRICES UNTIL SOLD.

LATANIA BORBONICA, from 3-inch pots, **$30.00** per thousand.
" " from 4-inch pots, **80.00** "
KENTIA BELMOREANA, from 2½-inch pots, **50.00** "
KENTIA FORSTERIANA, from 3½-inch pots, **12.50** per hundred.

All ready for shift to larger pots. 250 at thousand rates.

THE HARMS' PARK FLORAL CO.

Berteau Ave. near Western Ave., CHICAGO.

Mention The Review when you write.

Chrysanthemums

ARE OUR SPECIALTY.

A very complete collection of the best standard varieties always on hand.

REMEMBER US when ready to plant.

We also have a fine assortment of CARNATIONS, CANNAS, PELARGONIUMS and GERANIUMS.

NATHAN SMITH & SON, - Adrian, Mich.

Mention The Review when you write

GALAX LEAVES For EASTER

and for every month in the year. Special express rates to all points.

1,000	Green or Bronze, per	1,000,	**$1.00**
2,000	"	"	**90c**
3,000	"	"	**80c**
4,000	"	"	**75c**
5,000 to 10,000	"	"	**60c**

These prices are for **Easter trade up to April 7th.** All stock kept strictly fresh in our cold storage warehouse up to hour of shipment.

E. H. HITCHCOCK,
GLENWOOD, MICH.

Mention The Review when you write.

Special in Perles and Woottons,

in 2 and 2½-inch stock. Extra fine Plants.

American Beauties. We have a few hundred of each in 3 and 4-inch that are extras. Will be ready to ship out April 15th. Get your order in early for a few.

Carnations. It will soon be ready to plant out.
We have a fine lot in 2-inch.
Write us your wants.

LILIES FOR EASTER.

GERANIUMS, Red, Pink, White and Salmon.
SMILAX, fine, 2-inch. **CANNAS** in 4-inch.
Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Asparagus Sprengeri, see Easter Plants. **Geraniums** La Favorite and Mme. Salleroi. Weeping Lantana, English Ivy, Baby Primrose, 2¼-in. at 2½c. Gem Calla Lily, 2-in., 3c; flats, 15c. Coleus, 10 varieties, 2-in., 2c. Canna Vaughan and Henderson, 3c. Cash please.

RONEY BROS., WEST GROVE, PA.

Mention The Review when you write.

Nephrolepis Wittboldii.

Plant of Nephrolepis Wittboldii.

If you have'nt yet obtained a stock of this grand new commercial fern you will make a mistake if you do not do so at once. A dozen plants now will be the best investment you ever made.

HENRY A. DREER, of Philadelphia, says it is

"A Most Valuable Decorative Fern."

All who have bought it recognize it as possessing those qualities that will make it a money maker from the start.

A. J. BALDWIN, Newark, O., says it is

"The Great Fern of the Future."

J. PAULUS, Chicago, says:

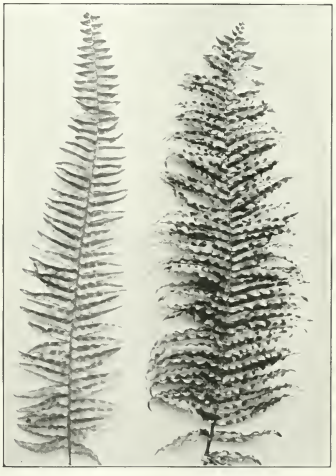
"In reproducing it equals the Boston Fern."

Remember we are not sending out weak, puny plants, but Strong, Vigorous Stock that will immediately produce runners if planted out in the bench.

We are offering fine plants, ready for 3 and 4-in. pots,

at $1.00 each, $10.00 per doz., $75.00 per 100.

See our offers of **PALMS, FERNS, ASPARAGUS, ARAUCARIAS and FICUS** in Classified Advs. in this issue of the Review.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

CHESTNUT HILL, PA.

The regular meeting of the Chestnut Hill Horticultural Society was held on the evening of March 12th, President John T. Morris presiding. Wm. Kleinheintz, gardener to P. A. B. Widener, Ogontz, Pa., read a very thorough paper on carnation growing, taking up in detail the propagating, planting and care of stock, as well as the varieties he finds most satisfactory.

The following premiums were awarded: Three cinerarias—first, to Geo. Robertson; second, to Geo. Morrison. Three cyclamen—first, to Geo. Robertson. One plant of Deutzia gracilis—first, to Geo. Robertson. One azalea, not over 8-inch pot—first, to Michael Punch, Germantown; second, to Hans Reuter. Vase of twelve double daffodils—first, to Robt. Forrest, Jenkintown, Pa.; second, to John Little. Vase of twelve single daffodils first, to Wm. Boyce. Vase of twelve Bride roses—first was awarded to a very handsome vase which was exhibited by Wm. Robertson. This same exhibitor also took first with a vase of Bridesmaid. Wm. Kleinheintz being second. John Little won first on a collection of vegetables stored for winter use, Geo. Robertson being second. Best three heads of lettuce—prize was taken by Harry Harris. For two heads of cauliflower—premium was taken by Wm. Robertson, and Robert Forrest secured the first award on collection of vegetables grown under glass. Special premium was awarded to Hans Reuter for an exceptionally good collection of flowering plants, including azaleas, orchids and cypripediums. Special premium was also awarded to James Bell for two vases of violets; these were not called for on the premium list, but were exceptionally fine.

In addition to these, a number of growers sent carnations as follows: A handsome vase of fifty Mrs. Thomas W. Lawson was received from Peter Fisher. This bunch was admired by all and certainly showed it had been grown by a master in the art; though having been shipped a long way, the blooms were in good condition. The same can be said of a vase of fifty Queen Louise sent by J. Dillon of Bloomsburg. This is certainly a good variety and appears to be an excellent keeper.

Mr. Ward, of the Cottage Gardens, Queens, Long Island, sent a very fine collection, including the following: J. H. Manley, Governor Roosevelt, Viola Allen, Mrs. Lawson, Novelty, Harry Penn, Marquis, Golden Beauty and Morning Glory. Of this lot, Governor Roosevelt, Mrs. Lawson, Marquis and Morning Glory showed to advantage, while J. H. Manley and Novelty seem to be extra good varieties.

Messrs. Crabb & Hunter, Grand Rapids, Mich., sent their Irene, but, unfortunately, the shipment was not received until the following day. This is a flower of exceptionally good color, of good size, and seems to be a good keeper. The writer regrets that these blooms were not received in time for the exhibition.

At this meeting there was an attendance of 93, of whom 64 were gardeners. We feel that this showing augurs well for the success of the society during the coming year. Schedule for the fall show, which will be issued shortly, will contain special premiums to the amount of about $200 and also a silver cup. These items are in addition to the regular premiums which will be offered by the society.

J. Howes Humphreys.

Clematis Paniculata

100,000 SHRUBS.

Hydrangeas, Roses,

...Privet, Phlox

In Large Quantities.

Elizabeth Nursery Co.

ELIZABETH, N. J.

SEND FOR CATALOGUE.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching; small plants ready for transplanting, 15c per 100, 75c per 1000; $3.00 per 10,000. If by mail add 10c per 100.

BRUSSEL'S SPROUTS.—25 cts. per 100.

CAULIFLOWER.—25 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

CUT PRICES...

Express prepaid on all Rooted Cuttings.

Verbenas, 40 best mammoth vars., 60c per 100; $5.00 per 1000.
Alternanthera, red and yellow, 60c per 100; $5.00 per 1000.
Ageratum, Princess Pauline and a new rich blue, very dwarf grower, a beauty; Cope's Pet, white; 60c per 100; $5.00 per 1000.
Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1000.
Daisies, 2 best vars., $1.00 per 100. $8.00 per 1000.
Verbena plants, a snap, full of cuttings, fine as silk, $2.00 per 100; $18.00 per 1000.
Heliotrope, 2½-in., strong, fine plants, $2.00 per 100, $18.00 per 1000.

Send for our new list of other rooted cuttings and plants; it will save you money. Write for prices on larger lots. Special low express rates to all parts. That Cash, Please.

C. HUMFELD, - Clay Center, Kansas.

Mention The Review when you write.

J. AUSTIN SHAW,

271 Broadway, NEW YORK,
Special Agent for

BAILEY'S "CYCLOPEDIA."

Three Volumes Now Ready.

Pay **$2.00** monthly if you prefer. Express prepaid. Write for particulars and sample pages.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery..... .....Seed..... Florists'.....

Catalogues

87-91 Plymouth Place, Chicago.

PALMS FOR DECORATING AND FOR GROWING ON.

My stock of Palms is larger and in better condition than ever before. Entirely American-grown and free from insects or disease. They are of EXCEPTIONAL VALUE, and cannot fail to give satisfaction.

KENTIA.

LATANIA BORBONICA.

	Per doz.
6 inch pot, 5 to 6 leaves, 15 to 18 inches high	$ 9.00
6 " " 6 to 8 " 20 to 24 " "	12.00

ARECA LUTESCENS.

	Per doz.	Per 100.
2 inch pot, 1 plant in pot, 6 to 8 inches high ... Per 1,000, $40.00	$0.75	$ 5.00
4 inch pot, 3 plants in pot, 15 inches high	3.00	25.00
6 inch pot, 3 plants in pot, 20 inches high	9.00	75.00
6 inch pot, 3 plants in pot, 24 inches high	12.00	100.00
	Each.	Per doz.
8 inch pot, 3 plants in pot, 30 inches high	$2.50	$30.00
8 inch pot, 3 plants in pot, 36 inches high	3.00	36.00
10 inch pot, 3 plants in pot, 42 to 45 inches high	5.00	

KENTIA BELMOREANA.

	Per doz.	Per 100.
2½ inch pot, 3 to 4 leaves, 8 inches high ... Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high	3.00	25.00
4 inch pot, 5 to 6 leaves, 15 inches high	4.50	35.00
5 inch pot, 5 to 6 leaves, 20 inches high	9.00	75.00
	Each.	Per doz.
6 inch pot, 6 leaves, 24 inches high	$1.25	$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 28 to 30 inches high	2.00	24.00
8 inch pot, 6 to 7 leaves, 30 to 32 inches high	3.00	36.00
8 inch pot, 7 to 8 leaves, 36 to 40 inches high	4.00	

KENTIA FORSTERIANA.

	Per doz.	Per 100.
2½ inch pot, 4 leaves, 8 inches high ... Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 leaves, 12 inches high	2.50	20.00
4 inch pot, 4 to 5 leaves, 15 inches high	4.50	35.00
	Each.	Per doz.
6 inch pot, 5 leaves, 24 to 28 inches high	$1.00	$12.00
6 inch pot, 5 to 6 leaves, 30 inches high	1.25	15.00
6 inch pot, 6 leaves, 28 to 32 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high	2.00	24.00
7 inch pot, 6 leaves, 36 to 42 inches high	2.50	30.00
8 inch pot, 7 leaves, 42 inches high	3.00	36.00
8 inch pot, 7 to 8 leaves, 50 to 54 inches high	4.00	48.00

JOSEPH HEACOCK, Wyncote, Pa.

Mention The Review when you write.

Gladiolus.

Peerless Strain. A very choice mixture, largely light shades, recognized everywhere as a superior strain. **$8.00** per 1000; medium size, largely 1¼ bulbs, **$6.00** per 1000.

Popular Strain. A fine mixture, largely light shades, equal to many growers best strain. Medium size bulbs, largely 1¼, **$4.00** per 1000.

GROFF'S HYBRIDS.....per 1000, **$20.00**
VAN FLEETS ..... " **10.00**
SELECTED SEEDLINGS ..... " **20.00**
BULBLETS, 50 bushels, special price.

Cannas. Austria, **1c;** C. Henderson, 1½**c;** M. Berot, Sec'y Chabanne, W. Beck, **3c;** Allemania, **4c.**

GERANIUMS. Fine Stock 2-inch and Rooted Cuttings.

BETSCHER BROS.

CANAL DOVER, O.

Mention The Review when you write.

New Aster DAYBREAK.

A splendid novelty for florists. Color same as Daybreak pink. Extra for cutting. Seed saved from the best flowers only.

Price—Trade packet, 25c; ¼ oz., 50c; oz., $1.50. Semple's Lavender Aster, 50c per oz. Mignon Aster, mixed, fine, ¼ oz., 25c; oz., 75c.

ELLIS BROS., Keene, N. H.

Mention The Review when you write.

...Limited Stock...

WHITE GOLDEN GATE.

Will be sold for delivery on and after May 1st next. Watch for full page advertisement, giving prices and terms, in later issue. All growers of **GOLDEN GATE ROSE** please send their addresses and receive valuable information.

American Rose Company,

Washington, D. C.

CLOSING OUT TO MAKE ROOM

10,000 KENTIA BELMOREANA

Healthy Stock, in Fine Condition. Home Grown, 18 to 20 inches high, averaging 4 leaves, $15 per 100; $125 per 1000.

ORDERS FILLED SUBJECT TO BEING UNSOLD.

SIEBRECHT & SON : : NEW ROCHELLE, N. Y.

POTATOES AND CELERY.

Extracts from a paper on "Gardening for Exhibition," read before the Massachusetts Horticultural Society, Boston, by Herbert R. Kinney.]

I have raised potatoes of fair quality and smoothness on very heavily manured market-garden land, but they are not a crop that re-ponds to heavy manuring. To grow the best and handsomest potatoes possible I would use no manure the year the potatoes are planted, but from 1,000 to 2,000 pounds of good fertilizer per acre, about one-half broadcast and one-half in the drill, thoroughly mixed, using large seed cut to two-eye pieces, and planted the 1st of May in drills 18 to 22 inches by 30 to 42 inches apart (the latter distances for the late varieties). Give thorough cultivation and plenty of Paris green and Bordeaux mixture, and you should have potatoes of the best quality.

As to celery, if you would have a shouldered head of nice proportions and not too tall, the plants must be set ten or more inches apart; but if you want nice celery for family use or market, from four to six inches should give a more satisfactory crop. To get celery of the best quality it must be grown rapidly, and it is quite important that it should take an extra start when we begin to blanch it. Celery that is banked with earth gets this start from the cutting of the roots, and the chance that those roots which are left get to work up into the soft earth of the bank. Perhaps the best way to start golden celery that is to be boarded is to give a good watering and work the ground about the time the boards are set up. This gives celery of fair quality; but no method will give as good celery in the early fall as can be produced later when the weather becomes cooler. Celery grown in this way will not keep so well as that of poorer quality.

PHILADELPHIA, PA.—Albert Smilling has given Charles S. Bambo, contractor, a contract to build a large, handsome greenhouse, stone, brick, iron and glass, at 6140 Ridge avenue.

CHESTERTOWN, MD.—Fire did serious damage to the greenhouses of Charles B. Smart the morning of March 15.

EVANSTON, ILL.—John Weiland will add some new houses to his establishment on Greenwood boulevard.

ROSES from 5-in. pots, at 8c; fine clean plants, Clothilde Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Coquette des Alpes, Malmaison, etc. Large-flowered **Clematis**, finest purple, white and lavender sorts, extra strong, 3-year, 30c; fine 2-year, dormant or from 5-in. pots, 15c; fine 1 year at very moderate prices. **Clematis Paniculata**, strong dormant plants, sec from 5-in. pots, 10c. **Peonies**, strong roots, best red sorts, 5c. Also several thousand Houghton and Smith, limp, **Gooseberry**, 1 year, branched and rooted layers, fine for mail trade, at $5.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

B. & A. SPECIALTIES

H. P. Roses

2 years old, low budded, 50 leading varieties.

HYBRID TEA and everblooming kinds.
Hermosa, Clotilde Soupert, Pink Soupert, Kaiserin, Malmaison, C. Testout, Carnot, Maman Cochet, White Maman Cochet, American Beauty, and 50 other popular varieties, $40.00 per 100; $300.00 per 1000.

CRIMSON RAMBLERS—
XXX, $15.00 per 100; XX, $12.00 per 100; X, $10.00 per 100.
Standards, $4.50 per 12; $35.00 per 100.

H. P. and H. TEA—
Standards, $3.50 per 12; $25.00 per 100

CLIMBING ROSES—
Empress of China, Mme. Plantier, Baltimore Belle, Seven Sisters, Climbing La France, and 25 other good kinds, 5 for 65 cts.; $11.00 per 100.

CLEMATIS JACKMANNI VARS.—
$2.50 per 12; $20.00 per 100.

CLEMATIS PANICULATA—
$8.00 and $10.00 per 100.

BEGONIA Tuberous Rooted, Single and Double.

GLOXINIAS

CALADIUMS, TUBEROSES

JAPANESE FERN BALLS

CANNAS, GLADIOLUS

DAHLIAS, PAEONIES

HARDY AZALEAS

RHODODENDRONS

JAPAN BULBS

BLEEDING HEARTS

BOXWOOD Pyramid and Standard

GRAFTED TEA ROSES Brides and Bridesmaids

Write for our 2nd Spring list of Vines, Trees, Shrubs, Evergreens and Tea Roses, all varieties. Special Prices on above stock.

BOBBINK & ATKINS, = = = Rutherford, N. J.

Mention The Review when you write.

Trees, Vines, Shrubs, Hedging.

2,000 *Beech*, European and Purple Leaved.
3,000 *Elms*, American and European.
500 *Japan* Gingko.
2,000 *Linden*, American and European.
1,000 *Magnolias*. In variety.
50,000 *Maples*. Norway, Sugar, etc.
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10,000 *Oriental Plane*. 6 to 12 feet.
75,000 *California Privet*. 1 & 2 yrs.
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10,000 *Clematis Paniculata*.
10,000 *Rosa Wichuraiana* & Hybrids.
5,000 *Rosa Multiflora Japanicrs*.
10,000 *Honeysuckles*. Halls', etc.
5,000 *Dahlias*. Whole roots.
100,000 *Asparagus*.
Very strong; 5 varieties.
2,500 *Rhododendrons*, *Azaleas* and *Kalmias*.
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Of all sizes, including Hemlocks, Norways, Colorado Blue, Oriental and Weeping Spruces, Arbor-Vitaes, Retinosporas, Pines in variety.
Root pruned and sheared specimens.

Trade list; also new illustrated retail catalogue free.

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Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. **Latanias**, 5-in. pots, 1 plant to pot, $15.00 per doz. Latanias, 8 in. pots, 1 plant to pot, $18.00 per doz. **Latanias**, 8 in. pots, 3 and 4 plants to pot, 2½ to 3 feet height and diameter, 12 to 14 leaves, $24.00 per dozen. **Kentia**, 6-in. pots, 1 plant to pot, 3½ ft. in height, $18.00 per doz. **Areca**, 8-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $4.00 per plant.

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NEW SINGLE AUREOLE GERANIUM

GOV. YATES.

Best bedding variety of this type. Plants of vigorous habit, with large trusses of blooms on long stems. COLOR: flaked and veined dark carmine on white ground, edged bright red. A novelty of real merit. Cash with order. PRICE: 40c each; 3 for $1.00; doz., $4.00.

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MY STOCK IS CAREFULLY GRADED. MY ASSORTMENT IS VERY COMPLETE. BELOW IS ONLY A HAPHAZARD SELECTION OF GOOD THINGS. CORRESPONDENCE A PLEASURE. ASK FOR CATALOG.

STANDARD BOX

2 to 2½ feet	$0 75 to $1 00
3 to 3½ feet	2 50 to 3 50
3½ to 4 feet	4 00 to 6 00
5 to 6 feet	7 50 to 10 00

AZALEAS

Amœna	$ 40
Mollis, assorted	30
" yellow	35
Pontica	50

BUXUS ARBORESCENS

	Per 100	Per 1000
3 to 5 inches	$2 00	$15 00
8 to 12 inches	3 50	25 00
12 to 18 inches	7 50	
18 to 24 inches	20 00	

Wichuraiana Hybrid Roses

Stocky, well-branched, finely rooted, cut back to 30 inches.

PINK ROAMER, UNIVERSAL FAVORITE, EVERGREEN JEM, JERSEY BEAUTY, GARDENIA, MANDA'S TRIUMPH, SOUTH ORANGE PERFECTION, per 100, $10.00; per 1,000, $80.00.

CRIMSON RAMBLER, WHITE RAMBLER, PINK RAMBLER, 6 to 15 cts.

H. P. ROSES, still in good assortment, $8.50 per 100.

STANDARD ROSES, $20.00 per 100.

50,000 CALIFORNIA PRIVET, $10.00 per 1000 and up

SILVER MAPLE, 8 to 10 ft. selected, $10 00 per 100

" 8 to 10 ft. slightly crooked 7 50 "

NORWAY MAPLE, 2½ to 3 in., fine 1 25 00 "

" 2 to 2½ in. 100 00 "

Smaller sizes at proportionate prices. Sugar Maple at about same figures.

RHODODENDRONS

Ferrugineum, Wilsonianum, Myrtifolium, 50 cts to 75 cts.

EVERGREENS

Pinus Cembra, 3 feet	$1 00
Pinus Strobus, 4 to 5 feet	50
Taxus Adpressa, 2 feet	1 00
Abies Nobilis Glauca, 3 feet specimens	3 50
Abies Nordmanniana, 3 feet	2 00
Retinospora Squarrosa, 5 to 6 feet	3 50

ANDROMEDA FLORIBUNDA $ 80

SHRUBS

CORYLUS PURPUREA, 2 to 3 ft	$20 00 per 100
ALTHÆA, named, 2 to 3 ft	8 00 "
" 3 to 4 ft	10 00 "
CERCIS JAPONICA, 18 to 24 in	8 00 "
LILAC PURPLE, 3 to 4 ft	8 00 "
" 4 to 5 ft	10 00 "
SPIRÆA REEVESII, 3 ft	7 50 "
" BUMALDA, 1½ ft	6 00 "
BERBERIS THUNBERGII, 12 to 18 in	2 50 "
" PURPUREA, 18 to 24 in	3 50 "
SNOWBALL, 2 to 3 ft	7 50 "
" JAPAN, 18 to 24 in	15 00 "
" " 2 to 3 ft	20 00 "

AMPELOPSIS, HONEYSUCKLES, AKEBIA, ARISTOLOCHIA, SIPHO, CLEMATIS PANICULATA, JACKMANNI, etc.

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We offer for the spring trade a full assortment of **Fruit Trees, Small Fruits, Shade Trees, Evergreens, Shrubbery and Hedge Plants.** A large stock of **Kieffer Pear** and **York Imperial Apple**, first class and medium.

Norway Spruce, American Arbor-vitæ, Hemlock Spruce, Osage Orange and **California Privet for Hedges. 100,000 Peach Trees.**

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Antirrhinum Black Prince.

Introduced from Germany last year.

Finest snap-dragon in cultivation. Grows 2½ feet, very large spike, color a very dark crimson, giving the lustrous effect of red velvet. Fine for cut flowers and will become a standard bedding plant when known. Stock limited. Orders filled in rotation. **$1.00** per doz. Cash, postpaid.

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Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, variegated, fine, 2½-in., $2.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Abutilons, 6 best varieties, 2½-in., 40c per doz.; $2.50 per 100.
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Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash.
Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderi, 2½-in., 50c per doz.; $3.00 per 100. Acalyphas triumphans and marginata, 50c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGAVE.

Century plants, well rooted, postpaid 20c, 3 for 50c. South Florida Nursery Co., Dade City, Fla.

AGERATUM.

Ageratum Princess Pauline, a new rich blue, very dwarf, and Cope's Pet, white, at 60c per 100; $5.00 per 1000. Express prepaid on all rooted cuttings. C. Humfeld, Clay Center, Kan.

Ageratums, Per 100: Princess Victoria Louise, new, 2½-in., $3.00; Princess Pauline, 2-in., $3.00; dwarf, dark blue, 3-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ageratums: Stella Gurney, 2½-in., 50c per doz.; $3.00 per 100; Princess Pauline, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Ageratum Princess Pauline, 2½-in. pots, $2.50 per 100; 3½-in., in bloom, $4.00 per 100; rooted cuttings, 60c per 100, $4.50 per 1,000.
Jerome Harley, Media, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums, Per 100: Princess Pauline, 2½-in., $2.00; Stella Gurney, 2½-in., $3.00. Phœnix Nursery Co., Bloomington, Ill.

Ageratum Princess Pauline, 2½-in., $2.00 per 100. Stella Gurney, 2½-in., $3.00. Otis F. Searles, R. D. 283, Nashua, N. H.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouses, Danville, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratums, 3 best var., 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Ageratum Princess Pauline, 2½-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Ageratum, blue, 2-in., $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Alternantheras, aurea nana and paronychioides major, rooted cuttings, 60c per 100; $5.00 per 1,000, prepaid. Cash.
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Alternantheras, rooted cuttings, red and yellow, fall stock, 50c per 100; $4.00 per 1,000; 2,000 for $7.00. Cash.
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Alternantheras, rooted cuttings, four varieties, 50c per 100, $4.00 per 1000. Cash. Edwin A. Seidewitz, 26 W. Lexington St., Baltimore, Md.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100, $4.00 per 1000. Davis Bros., Morrison, Ill.

Alternantheras, red $2.00, yellow $1.75 per 100. Cash or C. O. D.
Jos. H. Cunningham, Delaware, Ohio.

20,000 alternantheras, red and pink, strong 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Alternantheras, sorts, 2½-in., $2.00 per 100. Phœnix Nursery Co., Bloomington, Ill.

ALYSSUM.

Alyssum, var., 2½-in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Dbl. sweet alyssum, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Alyssum, Double Giant, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Dble. sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, plumbs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

ANTIRRHINUM.

Antirrhinums, imported, 2½-in., 50c per doz.; $3.00 per 100. Cash.
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We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rare hardy water lilies; also the Sacred Lotus and its varieties. Grown and for sale by W. J. Richards, Wayland, Portage Co., Ohio. Write for catalogue.

ARAUCARIAS.

	Each.	Doz.
Excelsa, 4-in., nice plants	$ .50	$ 6.00
Excelsa, 6-in., better plants	.75	9.00
Excelsa, 5-in., nice plants	1.00	12.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Araucarias, large plants with 4 and 5 tiers, $1.00 each; $10.00 per doz. J. W. Howard, 330 Broadway, Somerville, Mass.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Just now ripening, a quantity of Asparagus Sprengeri seed; will be sold at a figure low cash. Write for price, stating quantity wanted. Fred. Rafferty, Hermosa Gardens, Santa Ana, Cal.

Asparagus cormorensis, a novelty of great merit, 2-in., $4.00 per 100. A. plumosus, 2-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Plumosus, 3½-in. pots, $10.00 per 100. Sprengeri, 2½-in. pots, $4.00 per 100. Cash from unknown correspondents. Wm. A. Bock, North Cambridge, Mass.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow 90c per 100; $7.50 per 1,000, prepaid.
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A. Sprengeri, 2½-in., 40c per doz.; $2.50 per 100. A. plumosus, 2½-in., 50c per doz.; $3.50 per 100. Good & Reese Co., Springfield, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Mercel & Son, Mentor, Ohio.

25,000 Asparagus Plumosus Nanus seed, 90c per 100, $7.50 per 1000, $55.00 per 10,000, $100.00 per 20,000. Edw. J. Taylor, Southport, Conn.

Asparagus plumosus nanus. Cut strings, 8-ft. long, 50c each, shipped to any part of the country. W. H. Elliott, Brighton, Mass.

Fresh seeds of Asparagus Sprengeri, of my own growing, $00 for $1.00, $3.00 per 1,000. B. F. Engle, Rochester, Pa.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

A few thousand A. Sprengeri, ready for 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 2-in., $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

A. Sprengeri, 2-in., extra strong, $4.00 per 100. Brown & Gaskell, Springfield, Ill.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $6.00 per 100. From 6-inch pots, $25.00 per 100; 3½-in. pots, $12.00 per 100.
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Bananas can be grown north by digging in fall and planting in cellar until spring, then reset. They will fruit before frost. Very beautiful, as leaves grow 8 ft. long, 1 to 2 wide. Strong plants by mail, 20c. South Florida Nursery Co., Dade City, Fla.

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Echeveria californica, very choice, $3.00 per 100; rooted cuttings, $1.25 per 100. Sempervivum (hen and chickens), $2.50 per 100; offsets, $1.00 per 100. Echeveria orbiculata and secundifolia, 75c per doz. Mrs. M. E. Patterson, Glendale, Cal.

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Rex Begonia Cuttings. A great bargain. Our collection is very fine, including many elegant varieties. These are fine, well rooted cuttings, with from one to three leaves. Will make fine plants in a few weeks. They are going at a bargain to make room. $1.75 per 100; $15.00 per 1,000; 500 at the thousand rate. G. R. Gause & Co., Earlham View Greenhouses, Richmond, Ind. Cash, please.

Begonia Gloire de Lorraine, 2½-in. pots, $15.00 per 100. Begonia Gloire de Lorraine, non compacta, 2¼-in. pots, $15.00 per 100. This stock guarantee absolutely free from disease. Thomas Roland, Nahant, Mass.

100,000 tuberous rooted begonias. Ask for prices on large quantities and our special spring list, which is now ready.
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Begonias, best flowering kinds, 2½-in., 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

Begonias Ertordii and Sanderson, 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

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Bougainvillea Sanderiana, 2½-in., 50c per doz.; $6.00 per 100.
Good & Reese Co., Springfield, Ohio.

BULBS.

Richardia alba maculata bulbs.

	Inch dia.	Per 100.
500 1st size	2½ to 3	$2.50
700 2d size	2 to 2½	2.00
1,000 3d size	1½ to 2	1.50

The lot, 2,200 bulbs, for $75.00.
H. T. & A. H. Funnell, Huntington, N. Y.

Tuberoses, Tuberous-rooted begonias, Caladium esculentum, dahlias, gloxinias, etc. Send a list of your wants to W. W. Barnard & Co., 161 Kinzie St., Chicago.

Double Pearl tuberoses, largest [illegible] per 100, $5.00 per 1,000. Lilium auratum [illegible] to 9, $4.50 per 100; $40.00 per 1,000; 9 to 11, $6.50 per 100, $60.00 per 1,000. Lilium spec. album Kraetzeri, 9 to 11, $6.50 per 100, $60.00 per 1,000. Lilium spec. melpomene, 9 to 11, $7.00 per 100, $65.00 per 1,000. J. M Thorburn & Co., 36 Cortlandt St., New York.

Fine excelsior pearl tuberoses, 4 to 6-in., $4.00 per 1,000; 3 to 4-in., $2.00 per 1,000. Caladium esculentum. Magnolias, 1 ft., Cape Jessamine (grandiflora). Ampelopsis Veitchii, 2 to 3-ft., cyperus alternifolius, ready for 1-in pots; cannas. Write for lowest prices. Gulf Coast Nurseries, Galveston Co., Dickinson, Tex.

Tuberoses, extra fine dwarf Pearl. Barrels containing 800 and 900 each, $6.00 and $7.00. Caladium esc., extra fine, 9 to 12 inches circ., $7.50 per 100; 6 to 9 inches, $3.00 per 100. Tuberous rooted begonias, separate colors, mammoth bulbs, $3.00 per 100; fine bulbs, $2.50 per 100. F. W. O. Schmitz, Jersey City, N. J.

Caladiums, gladioli and all varieties of choice tuberose bulbs for sale on fall 1901 delivery. Those desirous of placing contracts will find it to their interests to communicate with us. Twelve years' practical experience in bulb growing. Z. J. Carter & Son, Wallace, N. C.

Choice strain tuberous begonias, single, separate colors, large bulbs, 40c per doz.; $2.50 per 100. Dbl. begonias, 75c per doz.; $5.00 per 100. Caladiums, fancy-leaved, finest named, 50c per doz.; $10.00 per 100. Send for new list. H. H. Berger & Co., 47 Barclay St., New York.

We have a full stock of CALADIUMS and TUBEROSES in all sizes, GLADIOLI, etc. Send for latest price list, just issued.
Plant Seed Company, St. Louis, Mo.

Caladium esculentum, good bulbs, 50c per doz., $3.50 per 100; extra strong, $1.00 per doz., $6.50 per 100. Callas, good blooming bulbs, 75c per doz., $6.00 per 100. Dwarf pearl tuberoses, 75c per doz., $6.50 per 100.
Good & Reese Co., Springfield, Ohio.

FANCY CALADIUMS. 25 best named varieties, extra large bulbs, $5.50 per 100; $50.00 per 1,000. Also 5,000 gladiolas, fine mixed, $1.50 per 100; $12.00 per 1,000. Cash with order. W. Nelson, P. O. Box 1450, Paterson, N. J.

Headquarters for extra dwarf Pearl tuberose bulbs, 4 to 6 inches, $3.00 per 1000; 3 to 4 inches, $1.25 per 1000. Securely packed in double paper lined barrels f. o. b. here. M. M. Wells, Wallace, N. C.

50,000 gloxinias, 100,000 tuberoses and 50,000 Japan bulbs. Ask for prices on large quantities and our special price list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cold storage Lily of the Valley for Easter flowering. Takes three weeks to bring it into bloom. Per case of 1,000 pips, $10.00. H. A. Dreer, 714 Chestnut St., Philadelphia.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros. Englewood, N. J.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

Caladium esc., from 3-5 up to 12-in., in circ., $5.00 per barrel. Cash.
C. G. Nanz, Owensboro, Ky.

CANNAS.

For Sale—Lot of Canna Roots such as Philadelphia, Burbank, Italia, and 15 to 20 other sorts, all choice, at $1.75 per 100 or $17.00 per 1,000. Clumps of 2 to 3 eyes. Will exchange for large specimen Areca Lutescens or other decorative stock. Wanted—Lot of second-hand Sash Bars. State lengths, giving lowest price. Seaside Greenhouses, Charleston, S. C.

Cannas (started from sand bed), Queen Charlotte, Florence Vaughan, Chicago, Charles Henderson, Alphonse Bouvier, Pres. McKinley, etc., $3.50 per 100; $30.00 per 1000. I solicit your patronage and guarantee satisfaction. Paul Mader, East Stroudsburg, Pa.

Chas. Henderson, Queen Charlotte, Paul Bruant, Egandale, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Sophia Buchner, Austria, Burbank, Oriole, Am. Flag, dormant roots, $2.50 per 100. Cash.
G. W. Weatherby, Chillicothe, Mo.

The new canna Golden Age, a beautiful, rich-golden, fine-petaled canna without spots or stripes; nothing like it in existence. Strong roots, 2 and 3 eyes, 20c each; $2.00 per doz. Express prepaid. G. P. Moore, Ocean City N. J.

Cannas. Strong roots of the best varieties, Italia, Austria, Vaughan, Allemania, America, Charlotte, etc., per 100, $2.00. Cash with order. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

300 large bronze-leaved cannas, 7 to [illegible] $1.00 per 100. [illegible] large green-leaved cannas, 5 to 6 ft., [illegible] per 100. Tuberose [illegible] bulbs for growing on, $1.00 per 1000.
James F. Wilson, [illegible]

For Sale—Cheap, 100 doz. cannas, [illegible] Florence Vaughan, Paul Marquant, Chas. Henderson, good strong plants, ready May 1st. E. Roach, Sta. 3, Nashville, Tenn.

Dry canna bulbs at $1.50 per 100. Mme. Crozy, Chas. Henderson, Austria and Queen Charlotte, fine bulbs but mixed. Logan Ave. Greenhouses, Danville, Ill.

Allemania, Burbank, Austria and Partenope strong roots, $3.00 per 100, or will exchange for carnations, roses, mums, etc. Ernst Nitsche, Dallas, Tex.

700 Austria, 400 Italia, 200 Chas. Henderson, 200 Burbank, 100 Pres. McKinley; dry bulbs, 2 to 3 eyes, $2.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Dormant Austria, Ami Pichon, Burbank, Chevallier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Cannas, Austria and Chas. Henderson, 2c; $15.00 per 1000. Will exchange for rooted carnations. W. B. Woodruff, Florist, Westfield, N. J.

100,000 cannas. Ask for prices on large quantities and our special spring list which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cannas, started plants from strong bulbs, 4-in., $2.50 per 100. Seedling cannas, 4 varieties, $1.00 per 100. Morris Floral Co., Morris, Ill.

Austria and Paul Marquant, fine plants from pots, $2.50 per 100. Austria, dry roots, $1.00 per 100. Fairview Floral Co., Beatty, Ohio.

Austria, 1c; Henderson, 1½c; M. Berot, Secy. Chabonne, W. Beck, 3c, Allemania, 4c. Betscher Bros., Canal Dover, Ohio.

Cannas, started in pots, best sorts, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

The new canna, Golden Age. See display adv. this issue.

CAREX.

Carex japonica. Fine large plants, from 3-in. pots, ready to be divided or shifted into 4-in., $2.50 per 100. Must have the room. L. D. Robinson, Jr., Springfield, Mass.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

Rooted Carnation Cuttings. Five cuttings at 100 rate.

	Per 100.
A. Mitting, clear light cream, 1901	$10.00
Mrs. A. Mitting, clear pink, 1901	10.00
DeRoo Mitting, a fine white, 1901	10.00
Sunbeam, flesh pink, C. C. Co., 1901	10.00
Bon Homme Richard, white, C. C. Co., 1901	10.00
Nydia, variegated, C. C. Co., 1901	10.00
Prolifica, cerise pink, C. C. Co., 1901	10.00
California Gold, yellow, Hill, 1901	10.00
Queen Louise, white, Dillon, 1901	10.00
Irene, pink, Crabb & Hunter, 1901	10.00
Lorna, white, Dorner, 1901	10.00
Mermaid, salmon, Dorner, 1901	6.00
Avondale, pink, Hill, 1901	4.00
Ethel Crocker, pink, 1900	3.00
Flora Hill, white	1.00
Argyle, pink	1.00
Joost, fine pink	1.00
G. H. Crane, scarlet	2.50
Edna Craig	1.00
Gov. Griggs	1.00
Daybreak	1.25
Armazindy	1.00
McGowan	1.00
Evelina	1.00
Evanston	1.00
Triumph	1.00

MORRIS FLORAL CO., Morris, Ill.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100; $30.00 per 1000; Lawson, $7.00 per 100; $60.00 per 1000; G. Lord, $6.00 per 100; $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

Rooted Carnation Cuttings. A1.

	100	1,000.		100.	1,000.
G. Nugget	$2.50	$20.00	Dana	1.25	10.00
Meteor	2.00	17.00	Evanston	1.25	10.00
Morello	2.00	17.00	Armazindy	1.25	10.00
Bridesm'd	1.50	12.50	Scott	1.00	8.50
Victor	1.50	12.50	Nina	1.00	8.50
Hill	1.50	12.50	McGowan	1.00	7.50
Eldorado	1.50	12.50	Portia	1.00	7.50

Will exchange for rooted cuttings of other varieties. Llewellyn, Olean, N. Y.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	3.00	25.00
America	1.25	10.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

LOOK HERE!	Per 100.	Per 1000.
Scott	$1.25	$10.00
McGowan	1.25	10.00
Flora Hill	1.50	12.50
Storm King	1.50	12.50
White Cloud	1.50	12.50
Daybreak	1.50	12.50
Jahn's Scarlet	1.50	12.50
Firefly	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.50	12.50
Mary Wood	2.00	15.00
Mrs. Frances Joost	2.00	15.00
America	2.50	20.00
Gen. Gomez	2.50	20.00
Ethel Crocker	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
Queen Louise	10.00	75.00

250 at 1000 rate.

Cuttings will be well rooted, taken from flats and sand, and from first-class stock.
Cash with order, please.
JAMES E. BEACH.
2019 Park Ave., Bridgeport, Conn.

ROOTED CARNATION CUTTINGS. We offer choice rooted cuttings, first-class in every way, at following prices:

	100.	1000.
Mrs. Thos. W. Lawson	$7.00	$60.00
Ethel Crocker	2.50	20.00
Mrs. F. Joost	2.00	15.00
Triumph	1.50	12.00
Gold Nugget	3.00	25.00
White Cloud	2.00	15.00
Mary Wood	2.00	15.00
Flora Hill	1.50	12.00
Gen. Maceo	2.00	15.00
G. H. Crane	3.00	25.00
America	3.00	25.00
Olympia	5.00	40.00
Mrs. G. M. Bradt	3.00	25.00

BASSETT & WASHBURN, Hinsdale, Ill.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
Wm. Scott	1.00	7.50
McGowan	1.00	7.50
Evelina	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

Carnations for April delivery; ready April 1.

	100.	1,000
Crocker	$2.50	$20.00
F. Joost	....	12.00
Bradt	2.50	20.00
America	2.00	15.00
Olympia	3.00	....
Peru	2.50	....
L. Paul	2.00	....
White Cloud	1.50	12.00
Flora Hill	1.25	10.00
Jubilee	1.50	12.00

Fine, healthy cuttings, well rooted. Cash with order. BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

Carnations. All well rooted.

	100.	1,000.
White Cloud	$3.00	$25.00
Flora Hill	3.00	25.00
Cerise Queen	2.00	15.00
Marquis	5.00	40.00
Morning Glory	3.00	25.00
Scott	1.50	10.00
Crane	3.00	25.00
Olympia	5.00	40.00
America	3.00	25.00
Lorna	10.00	75.00
Mermaid	6.00	50.00

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

EXTRA FINE ROOTED CUTTINGS, from sand, of the following varieties:

Guardian Angel,	Geo. Maceo,
Genevieve Lord,	Gen. Gomez,
Morning Glory,	White Cloud,
Ethel Crocker,	Flora Hill,
Gold Nugget,	Evanston,
Mrs. Geo. M. Bradt,	Triumph,
Geo. H. Crane,	Tidal Wave,
America,	Wm. Scott,
Mrs. F. Joost,	Lizzie McGowan,

See our display adv. on another page.
THE HARMS PARK FLORAL CO.,
Berteau Ave., near Western Ave., Chicago.

CARNATION ROOTED CUTTINGS. Ready now. Good, healthy, well-rooted stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	15.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	3.00	30.00
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
Mrs. Frances Joost	1.50	12.50
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00

EVENDEN BROS., Williamsport, Pa.

ROOTED CARNATION CUTTINGS—Guaranteed free from rust or bacteria.

	1,000.
William Scott	$ 9.00
Flora Hill	9.00
Merrimac	9.00
Daybreak	9.00
Outcast	9.00
New York	9.00
Sandusky	15.00
Frances Joost	15.00
Genevieve Lord	35.00
Ethel Crocker	35.00

J. M. GASSER CO., Euclid Ave., Cleveland, O.

Carnation cuttings from sand and soil. Lawson, $5.50 per 100; $50.00 per 1,000. Marquis, Lord, $4.00 per 100; $35.00 per 1,000; Crocker, Bradt, Crane, Maceo, $2.50 per 100; $20.00 per 1,000. Joost, White Cloud, Dean, $2.00 per 100; $15.00 per 1,000. Daybreak, New York, Scott, McGowan, $1,00 per 100; $8.00 per 1,000. Asparagus plumosus and A. Sprengeri, ready for 2½-in. pots, $2.00 per 100. Vinca var. from 4-in., $8.00 per 100. Cash with order. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Carnations; strong, well-rooted cuttings. McGowan, Psyche, Seneca Chief, $1.00 per 100. New York, Albertini, Evelina, Flora Hill, Wm. Scott, Peachblow, Conch Shell, $1.50 per 100. Uncle Walter, John Young, White Cloud, Gov. Griggs, Oneida, Red Jacket, Painted Lady, $2.00 per 100. G. H. Crane, America, Lily Dean, Melba, E. Crocker, $3.00 per 100. Marquis, Mrs. B. Lippincott, $5.00 per 100. Walker & McLean, 115 W. Federal St., Yougstown, Ohio.

Carnations, from flats for field planting. We have to spare a few thousand of the following: New York, Tidal Wave, Daybreak, McGowan, at $1.00 per 100. Order now. Plants will be shipped first part of May. Wm. Geenen, Kimberly, Wis.

Fine Carnations—In order to make room I will sell the following carnations from 2-in. pots, all selected cuttings, at rooted cutting rates: Ethel Crocker, 2-in. pots, $3.00 per 100; White Cloud, 2-in. pots, $2.00 per 100; Gold Nugget, 2-in. pots, $2.00 per 100; Daybreak, 2-in. pots, $1.50 per 100; Lizzie McGowan, 2-in. pots, $1.50 per 100. Smilax, 2-in. pots, $2.00 per 100. Louis C. Pilat, Sing Sing, N. Y.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.

McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100; $60.00 per 1000. Olympia, Estelle, $6.00 per 100; $50.00 per 1000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1000. Crocker, Crane, America, Nugget, L. Pau,, $2.50 per 100; $23.00 per 1000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1000. Dana R. Herron, Olean, N. Y.

Ethel Crocker has been, with me, all that I claimed for it. In order to have it tried a second season I offer it free by mail for $2.50 per 100. Elm City (white) has given excellent results, free by mail at $2.50 per 100. Lord, Lippincott, White Cloud, Bradt, Olympia, Paul, Gomez and Maceo at reduced prices for March. Albert M. Herr, Lancaster, Pa.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO.,
Nixon H. Gano, Mgr., Martinsville, Ind.

Rooted cuttings now ready.

	Per 100.	Per 1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	40.00
G. H. Crane	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
William Scott	1.50	10.00

A. L. Thorne, Flushing, N. Y.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings, $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

Carnations.	Per 100.
Rooted cuttings of Scarlet Wave, sport of Tidal Wave	$2.00
White Daybreak	2.00
Flora Hill, Scott, Daybreak	1.00

Cash, please.
CHAS. WIFFIN, Des Plaines, Ill.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Good strong rooted carnation cuttings—per 100: Albertini, Brideamaid, Triumph, Wm. Scott, at $1.00; Daybreak, Flora Hill, at $1.50; Jubilee, Morello, at $2.00; Mrs. Bradt, Chicago, Peru, at $2.50. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Carnations, well rooted stock from sand. Mrs. Bertram Lippincott. Light pink, good commercial variety; $5.00 per 100; $40.00 per 1,000. Also all other standard varieties at regular prices. Cash with order. John Kuhn, Olney, Philadelphia, Pa.

Unrooted carnation cuttings of Triumph, Flora Hill and Scott at 50c per 100. Will exchange for rose stock.
E. C. Newbury, Mitchell, So. Dak.

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600 rooted cuttings of Marquis carnations for sale, or will exchange for red and yellow coleus. James C. Murray, Peoria, Ill.

Carnations, extra strong rooted cuttings. Per 100: Lawson, $4.00; Jubilee, $1.25; Crane, $2.00; Bradt, $1.50. Hill, Scott and Eldorado, 75c per 100; $6.00 per 1000. H. Ernst & Son, Washington, Mo.

Carnations—24 varieties of rooted cuttings. Fine, clean stock. Write for list and prices; we will make it an object to you.
KALAMAZOO NURSERY & FLORAL CO.,
Kalamazoo, Mich.

ROOTED CARNATION CUTTINGS ready April 1. Victor, Daybreak, Flora Hill, Triumph, $1.50 per 100; White Cloud, $2.00, and G. H. Crane, $2.50 per 100. L. L. MAY & CO.,
St. Paul, Minn.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Ethel Crocker, strong plants, 2½-in., $3.00 per 100. Lizzie McGowan and Scott, 2½-in., $2.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

A few thousand fine rooted cuttings of Daybreak and Flora Hill. Will make very low prices. Express prepaid. S. W. Pike, St. Charles, Ill.

Ethel Crocker, plants from 2½-in. pots, $4.00 per 100; rooted cuttings, from soil, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Ethel Crocker carnation plants out of 2-in. pots, $2.00 per 100. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Mrs. Bradt, Mrs. Joost, Crocker, Scott and McGowan, in 2-in. For special price write Geo. A. Kuhl, Pekin, Ill.

All this year's new carnations; also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

Daybreak carnation cuttings, $8.00 per 1000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Portia, extra select rooted cuttings, $1.50 per 100. Geo. Smith, Manchester, Vt.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. Merry Monarch, white and yellow; Glory of the Pacific, Polly Rose, Robinson, Ivory, white and pink; Bonnaffon, Rieman, Jerome Jones, and 25 other best varieties. Rooted cuttings, from sand, 75 cts.; from soil $1.25 per 100. G. F. Neipp, Woodhaven Postoffice, Aqueduct, N. Y.

Chrysanthemums. Rooted cuttings now ready. Good, clean stock. Glory Pacific, Golden Wedding, W. H. Lincoln, Major Bonnaffon, Ivory, Niveus, $1.00 per 100; 2¼-in. pots, $2.00 per 100. Cash with order. Miller & Clark, Jamesville, Onondaga Co., N. Y.

Chrysanthemums (rooted cuttings), Walter Molatsch, grand early yellow, $4.00 per 100. Ivory, Bonnaffon, Mrs. Jerome Jones, Polly Rose, Murdoch, at $10.00 per 1000, or $1.25 per 100. Cash with order. Paul Brummer, Corona (L. I.), N. Y.

Choice rooted cuttings of Robinson, $2.00 per 100; 2-in. pots, $3.00 per 100. Bonnaffon, Modesto, Jerome Jones and Ivory, rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Cash please. Frank Garland, Des Plaines, Ill.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Choice, clean rooted cuttings from sand of Ivory, Bassett, Robinson, Wedding, Faure, Bergmann, at 1½c each; Chadwick, Yellow Fitz, Baer, at 3c each. Express paid. Cash, please. Cottage Greenhouses, Litchfield, Ill.

Major Bonnaffon and Glory Pacific, fine, strong plants, 2-in., $2.00 per 100. Gold Smith (new), fine, strong plants, 2-in., $2.00 per doz. H. L. Ragan, Box 166, Springfield, Ohio.

W. R. Smith, Dalliedouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.60 per 100. A. J. Baldwin, Newark, Ohio.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

For chrysanthemum rooted cuttings or plants from pots see February issues this paper or address Gunnar Tellmann, Marion, Ind.

Bergmann and Bonnaffon rooted cuttings; well rooted, clean stock, $1.50 per 100. Duly Bros., Randolph, Mass.

CINERARIAS.

200 3-in. cinerarias, strong plants, $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

CLEMATIS.

Clematis Paniculata. Another fine lot of frame seedlings. Will make strong, salable plants; one year in open ground. Can be planted direct from frames to field without potting. $5.00 per 1,000. Sample, 25 by mail, 10c in stamps. 5 lbs. Clematis paniculata seed, $5.00 per lb. The Elm City Nursery Co., New Haven, Conn.

Clematis paniculata, extra well rooted, 2½ and 3-in. pots, $5.00 per 100; Henryi, Edinburgh, Jackmani, Mme. Andre, strong 2 and 3 yrs., from 6-in. pots, $25.00 per 100.

Phoenix Nursery Co., Bloomington, Ill.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 5-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 5-in., 10c. W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, 2-yrs., $4.00 per 100. C. paniculata, 2-yrs., 4-in. pots, $10.00 per 100; 1-yr., 2-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Clematis, dormant, 10 best large flowering kinds, strong 2-yr., $2.00 per doz.; $15.00 per 100. Strong 2-yr., in 4 and 5-in. pots, same price. B. A. Baller, Bloomington, Ill.

CLEMATIS PANICULATA in 1000 or 10,000 lots from 2½c to 12c each. Send for wholesale list. ELIZABETH NURSERY CO., Elizabeth, N. J.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

Golden Bedder, Verschaffeltii and 12 other selected varieties, rooted cuttings, 60c per 100; $5.00 per 1000. Cash. Critchell's, Station I, Cincinnati, Ohio.

Verschaffeltii, Golden Bedder and 40 other varieties, strong rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

Verschaffeltii, Golden Bedder and other fancy vars., 60c per 100, $5.00 per 1000. Mrs. P. F. Conley, Princeton Ave. and Updike St., Providence, R. I.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order. J. D. Fehlhousen, Schenectady, N. Y.

Rooted cuttings of Verschaffeltii, Golden Bedder, Yellow Queen and mixed. For attractive prices write Geo. A. Kuhl, Pekin, Ill.

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Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Coleus. Golden Bedder and Red Verschaffeltii. Rooted cuttings 50c per 100. E. A. Wallis, Jenkintown, Pa.

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Coleus, best bedding varieties, 2½-in., 35c per doz.; $2.50 per 100.
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Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid.
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Coleus, sorts, $2.50 per 100.
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Cyclamen persicum splendens giganteum, finest strain in the world, in four true colors (September sowing), plants transplanted from flats, $3.00 per 100; $25.00 per 1000. My strain of cyclamen has a reputation second to none. Paul Mader, East Stroudsburg, Pa.

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Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1000. C. Winterich, Dellslow, Ohio.

Cyclamen, 2½-in., 50c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

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Cyperus alternifolius, 2½-in., 40c per doz.; $2.50 per 100.
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Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, pæonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

Dahlias, choice named varieties, 25 for $1.00, in from 12 to 16 varieties; the same varieties that have lost their labels, 50 for $1.00. J. A. Keniston, Newburyport, Mass.

25,000 dahlias. Ask for prices on large quantities and our special price list, which is now ready. Bobbink & Atkins, Rutherford, N. J.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

Dahlias, choice collection, 60c per doz.; $5.00 per 100.
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Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1,000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

DAISIES.

California Giant Marguerites, 2-in. $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

Marguerite daisies, 2½-in., 50c per doz.; $3.00 per 100.
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Paris daisy, white, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

White Paris daisy, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

DRACÆNAS.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

Dracæna indivisa, strong, 2½-in., 40c per doz.; $3.00 per 100.
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EASTER PLANTS.

Violet plants for Easter. As a novelty for Easter there is no better offering in the market than violet plants. We have secured the entire output of a large number of the growers who make a specialty of these plants, and are prepared to fill orders in any quantities. They are of the Lady Campbell variety, of fine dark color, are full of flowers and buds, and are put in 5 and 6-in. Neponset pots. They are attractive in appearance and sell at sight. Write for quotations and order early to secure choice plants and prompt delivery. Telephone call 654 Madison Square. Fingerald & Hammond, 113 W. 30th St., New York City. Wholesale dealers in cut flowers.

Japan longiflorum lilies, 7- to 9-flowers, 2 to 2½ ft., 15c per bud. Azaleas, 6 and 7-in., pots, 75c to $1.50. Hydrangeas, 7 and 8-in. pots, 75c to $1.25. Hyacinths, 4-in. pots, 10c. Daffodils, 6-in. pots, 25c. Lilac, 8-in. pots, $1.50. Spiræa, 6-in. pots, 25c. We have 5,000 pots of lilies, all clean plants, and we are prepared to ship either cut flowers or plants in large quantities. Samuel J. Bunting, Elmwood Ave. and 58th St., Philadelphia, Pa.

20,000 blooming plants for Easter. 1,000 Crimson Ramblers, unique designs, $3 to $25; 1,000 hydrangeas, the finest in the market, $1.00 to $5.00. A large assortment of choice hyacinths in pans, $12.00 per doz., 5,000 Lilium longiflorum, 12c per bloom. A large assortment of hybrid roses, $5.00 per doz. and up. Genistas, $4.00 to $12.00 per doz. Spiræa, $4.00 per doz. and up. Azaleas and rhododendrons, $1.00 to $5.00 each. 2,000 Bavalilan fern balls and designs, 75c to $2.00. Also a large assortment of palms and ornamental plants. Cash with order. H. G. Schlinhoff, 758 Hudson Boul., West Hoboken, N. J.

For Easter and spring flowering. All plants are of fine size and well budded. Per 100; Lilacs, $45.00; Azalea mollis, $35.00; Azalea pontica, $45.00; rhododendrons, $35.00; Paeonia sinensis, $16.00. These are all the finest named varieties in existence. H. P. roses, extra fine, $10.00 per 100. Crimson Ramblers, extra strong, $20.00 per 100. Prices on all other stock for spring and fall delivery cheerfully given. F. W. O. Schmitz, Jersey City, N. J.

Azaleas for Easter. Standard varieties in prime condition.

Pots.	Dia.	12.	100.
5-in.	10 to 12 inches	$ 5.00	$ 40.00
5 & 6-in.	12 to 14 inches	6.00	50.00
6 & 7-in.	13 to 15 inches	9.00	70.00
7-in.	16 to 18 inches	15.00	125.00

Mme. Van der Cruysen, good value, at $1.50, $2.00, $2.50, $3.00 and $5.00 each.
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Easter plants. Crimson rambler, fine plants in 7 and 8-in. pots, well budded, different shape. Lilium Longiflorum, nice stock, no disease. Azalea indica, 10 to 15 inches, Azalea compacta and floribunda. Dutch hyacinths, 4-in. pots. Daisies. Geraniums. Prices on application. Schroeder, 10th St. & 1st Ave., Williamsbridge, N. Y. City.

Lilium Longiflorum; 20,000 fine healthy stock ready for Easter. Cut flowers, 10 cts. each, flowers and buds. Plants, 12½ cts. each per flower and bud. Cash, please. Brookside Greenhouses, 5th and Franklin Sts., Reading, Pa.

Baby primrose, 2½-in. pots, $3.00 per 100. Cyclamen, 2½-in. pots, $5.00 per 100. Stock in extra fine condition for Easter trade. N. Smith & Son, Adrian, Mich.

For Easter. Longiflorum lilies, in pots, and Crimson Ramblers. Rosemere Conservatories, Center St., Winchester, Mass. Lawrence Cotter, Manager.

Just right for Easter use. Asparagus Sprengeri, heavy dark green, 4-in., $7.50 per 100; $1.00 per doz. Cash, please. Roney Bros., West Grove, Pa.

5,000 azaleas from 50c to $5.00, in A1 shape to ship. Please send P. O. money order to get prompt shipment.
Hession, Flatbush, Brooklyn, N. Y.

A fine lot of Astilbe multiflora compacta, 6-in., just right for Easter, $2.00 per doz. Cash. Critchell's, Station I, Cincinnati, Ohio.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Per Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.00	15.00
Nephrolepis Exaltata	2-inch	.50	4.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica, albo-lin.	2-inch	.50	4.00

The above fresh from pots are just right for fern dishes.
THE GEO. A. WITTFELD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica, Victoria, Tenuifolia, Adiantum, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lunaria, Lygodium, Nephrodlum, Cristatum, Blechnum, Selaginella, etc. Early Post orders Washington. John H. Ley, Good Hope, D. C.

FERNS OUR SPECIALTY. Adiantum Farleyense. The best paying plant in cultivation; plants and cut fronds always in big demand. If propagated now they will make $1.00 plants by next fall. Write for prices. In order to get fresh crowns from 6-in. pots, which, if properly divided, will each make 50 or more plants, $12.00 per 100, 50 at 100 rate. In order to expressage we shake off all the soil before shipping. Cash with O. D.
ANDERSON & CHRISTENSEN,
Short Hills, N. J.

50,000 BOSTON FERNS. I make a specialty of N. Exaltata Bostoniensis. Small plants, $4.00 per 100 or $30.00 per 1000; large plants, $6.00 to $20.00 per 100; taken from the bench. Extra fine stock. WM. A. BOCK, N. Cambridge, Mass.

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FERNS Continued.

Ferns—Assorted, 2¼-in. pots, $3.00 per 100; 3, 4 and 5-in. pots at $7.00, $12.00 and $25.00 per 100. Nice large plants, from 50c upwards. John Bader, Troy Hill, Allegheny City, Pa.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns, strong, 3-in., $8.00 per 100; 2½-in., $6.00 per 100. Out of bed, ready for 6-in., $2.25 per doz.; $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100, $25.00 per 1,000. Cordata compacta, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

3,000 fern balls. Ask for prices on large quantities and our special spring list, which is now ready.
Bobbink & Atkins, Rutherford, N. J.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz.
A. J. Baldwin, Newark, Ohio.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Boston, Sword and Dwarf Sword ferns, fine plants from 2½-in. pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Boston ferns in 4, 5, 6 and 7-in., ready for a shift. Will make you money for Easter. Geo. A. Kuhl, Pekin, Ill.

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Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

Boston ferns, strong 2½-in. pots, 3c.
Joy & Son Co., Nashville, Tenn.

Boston fern, true, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Rubbers in 3-in. pots, 6 inches high, strong stock, 6c; 4-in. pots, 12 inches high, 10c; 5-in. pots, 2 ft. high, 25c. Joy & Son Co., Nashville, Tenn.

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Forget-Me-Not Alpestris, blue, white and pink clumps, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Forget-me-nots, 2¼-in., $3.00; R. C. (winter), $2.00 per 100. Greene & Underhill, Watertown, N. Y.

FRUIT PLANTS.

240 old and new varieties of strawberries, raspberries, currants, grapes, etc. Write for list to C. C. Nash, Three Rivers, Mich.

Josselyn, or red jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Baller, Bloomington, Ill.

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Fuchsias, double and single, mixed, fine, 2½-in., $2.00; rooted cuttings, $1.00 per 100. Cash. W. G. Haebich, Auburn, Ind.

Fuchsias, 10 finest var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
George M. Brinkerhoff, Springfield, Ill.

Fuchsias, choice assortment, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Fuchsias, single and double, 2-in., $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

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Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

Jasmines, 8 varieties, 2½-in., 50c per doz.; $3.50 per 100.
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Gazania rooted cuttings, 75c per 100, $6.00 per 1000, postpaid. Chas. H. Campbell, Richland, San Diego Co., Cal.

GERANIUMS.

Geraniums Double Gen. Grant, 1000 3-in. very heavy, strong, well branched, fine plants, September struck, $5.00 per 100; $45.00 per 1000; 1000 3-in. nice strong plants, $4.00 per 100; $40.00 per 1000; 100 2½-in. fine, heavy plants, $3.00 per 100, $25.00 per 1000. The above all need immediate change. Theodore Searles, Box 303, Port Chester, N. Y.

Stock geraniums of following varieties, from 4 and 5-in. pots, full of cuttings, $8.00 and $10.00 per 100. Single and double Grant, Nutt, E. G. Hill, A. Riccard. Will have 10,000 of the above geraniums from all size pots after April 15. Also verbenas, petunias and lobelias at low cash price. Jas. Ambacher, Long Branch, N. J.

Geraniums. America, $8.00 per 100, out of pots; $4.00 per 100, rooted cuttings. Mars, $4.00 per 100. Jean Viaud, Clyde, Dryden and novelties, $8.00 per 100. Little Pink, Dr. E. A. Hering, E. E. Rexford, $2.50 per dozen. Standards, $3.00 per 100. Send for price list. Henry Eichholz, Waynesboro, Pa.

Geraniums—Double Grant, single Grant, Alp. Riccard, John Doyle, Bruantii, Beaute Poitevine, Griffith, Gloire de France, Mme. Jaulin, Frances Perkins, S. A. Nutt, La Favorite; strong plants, from 3-in. pots, $5.00 per 100; $45.00 per 1000. Paul Mader, East Stroudsburg, Pa.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order.
J. E. Felthousen, Schnectady, N. Y.

Geraniums. 25,000 rooted cuttings of all the leading varieties; all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

Finest assortment varieties, such as Queen of the West, Le Pilot, Bruantii, La Favorite, Marguerite de Layres, Poitevine, Mme. Thibaud, etc., $3.00 per 100; $25.00 per 1000. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

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Geraniums. Per 100: Best bedding var., strong plants, 3-in., $4.00; America, 3-in., $8.00; Mars and Le Pilot, 3-in., $5.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

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P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00.
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Grant, Red Bruant, Pink, La Favorite, 2¼-in., $2.00.
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Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, red, white, yellow and salmon; rooted cuttings, 2½ and 3-in. For special price write Geo. A. Kuhl, Pekin, Ill.

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Geraniums, a good assortment, 2½-in., $2.00 per 100. Cash. Geo. W. Weatherby, Chillicothe, Mo.

Geraniums, 10 best varieties, mixed, 2½-in., $3.00 per 100.
Jos. H. Cunningham, Delaware, Ohio.

Geraniums, best double and single, 2½-in., 50c per doz.; $3.00 per 100.
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Peerless Strain, a very choice mixture, largely light shades, $8.00 per 1,000; medium size, largely 1¼ bulbs, $6.00 per 1,000. Popular Strain, fine mixture, light shades, medium size bulbs, largely 1¼-in., $4.00 per 1,000. Groff's hybrids, $20.00 per 1,000; Van Fleet's, $10.00 per 1,000; select seedlings, $20.00 per 1,000; 50 bushels of bulblets at special price.
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Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For sample of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 405, Rochester, N. Y.

50,000 gladioli, standard florists, mixed, white, light, yellow, red, 1 to 2½-in., $5.00 per 1,000; ½ to 1½-in., $3.50 per 1,000, all blooming size. Write for a bargain on the entire lot. C. E. Franke, 108 W. Washington St., Bloomington, Ill.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

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60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

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HARDY PLANTS.

Berberis repens, dwarf evergreen, fine bloomer, 60 for $1.00; Aster Porteri, dwarf hardy perennial, autumn, snow-white, elegant for cutting, 35 for $1.00; Artemisia frigida, Silver Moss, for edgings, hardy, 50 for $1.00; Bigelovia graveolens, Plumed Goldenrod, dwarf shrub, superb novelty, 10 for $1.00; Cerastium alpinum, Carpet-of-Snow, new, 35 for $1.00; Clematis Douglasii, erect, herbaceous, nonclimber, large blue bell-shaped flowers, plumed fruit, 16 for $1.00, $5.00 per 100; prepaid; hardy cacti, ready to bloom, 4 kinds, assorted, 12 for $1.00; Gentiana Bigelovii, easily grown, 20 for $1.00; Helianthus laetiflorus, 100 for $1.00; Physostegia virginiana alba, blooming size, 100 for $1.00; Salvia azurea grandiflora, late, blue, entirely hardy, 25 for $1.00; Salidago spectabilis, best fragrant, non-suckering Goldenrod, 20 for $1.00; Yucca angustifolia, hardiest, rare, one year, field-grown, 60 for $1.00. All the above are choice clean stock and will be sent mail or express prepaid for cash with order. Satisfaction guaranteed. Trade list free. D. M. Andrews, Boulder, Col.

Large surplus of nice collected seedlings to close out at once. American Linden (basswood), 6 to 12-in., $2.00 per 1,000, 10,000 for $15.00; 1 to 3 ft., $5.00 per 1,000. American Beech, 6 to 12-in., $1.50 per 1,000, 10,000 for $12.50. Red Bud, 8 to 20-in., $4.00 per 1,000, 5,000 for $15.00. Robiania Hispida (moss locust), 1 to 3 ft., $5.00 per 1,000, 5,000 for $18.00. Tulip Poplar, 1 to 3 ft., $4.00 per 1,000, 5,000 for $18.00; 3 to 5 ft., $5.00 per 1,000. Cladrastis (yellow wood), 4 to 8-in., $4.00 per 1,000; 1 to 2 ft., $1.00 per 100; 2 to 5 ft., $2.00 per 100. Sweet Gum, 6 to 12-in., $3.00 per 1,000. Magnolia Acuminata, 4 to 6-in., small, $1.50 per 1,000; 1 to 3 ft., $5.00 per 1,000. Magnolia Tripetala, 1 to 3 ft., $5.00 per 1,000. Cornus Florida, 1 to 3 ft., $5.00 per 1,000. Calycanthus, 1 to 3 ft., $5.00 per 1,000. Sugar Maple, 1 to 2 ft., $2.25 per 1,000; 3 to 4 ft., $3.50 per 1,000, 100 at double the rate per 1,000. I have several hundred thousands and this offer is made to close out. Order at once. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

I have 25,000 shade trees of Sugar, Norway, Silver-leaved, Ash-leaved and Scarlet Maples, 1 to 3-in. diameter. Elms and Lindens, 12 to 16 feet; 1,000 White Birch, 8 to 10 feet; 2,000 Purple-leaved Beech, 4 to 9 feet; 2,000 Hydrangeas, XX strong; 10,000 Evergreens, all sizes and kinds; 2,000 Retinospora Aurea and Colorado Blue Spruce, 3 to 5 feet; 3,000 Clematis Pan. gran. and other large-flowering sorts, XX strong; 20,000 California Privet, 2 to 5 feet; 10,000 Hardy Roses; 3,000 Crimson and Yellow Ramblers, all X strong, on own roots. Fruit trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large; 200 Golden Oaks, 8 to 10 feet. Florists, landscape architects, superintendents of parks and others wanting stock should call on me or write. Stephen Crane, Prop. Norwich Nurseries, Norwich, Conn.

North Carolina Woody and Herbaceous Plants—Nursery-grown and collected. Specialties: Among woody plants: Andromeda arborea, A. nitida, Leucothoe Catesbaei, Fothergilla, Gordonia lasiantha, Ilex opaca, I. glabra, I. verticillata, Myrica cerifera, M. pumila, Yucca filamentosa, Y. gloriosa, Vinca minor, etc., etc. Among Perennials: Asclepias tuberosa, Dionaea muscipula, Phlox subulata, sarracenias, etc., etc. Spring trade list. Pinehurst Nurseries, Pinehurst, N. C. Otto Katzenstein, Manager.

Something new. Ostfriesischer Calvill apple trees by the thousands. It is a beautiful, strong, medium sized tree; fully bearing, what Professors Koch, Matthiew and Lucas call large, and the most delicious apple ever seen. This apple tree is found only in the northwestern part of Germany and I was the first to bring it to America. Price: 12, $6.50; 100, $45.00. New kind of prunus, Prunus Pissardii diversifolia tricoloribus marcinatus (Hesse), neat and frondous in leaves. Price: 12, $9.00; 100, $65.00. Ch. Koehler, Fox Chase, Philadelphia, Pa.

Silver Maples, 2 to 2½-in., XX..............25c
Hydrangea P. G., 2½ to 3 feet, X............ 8c
Weeping Willows, 8 to 10 feet................12c
Weeping Mulberries, 5 to 6 feet, X..........30c
Azalea Mollis, 18 inches, X....................25c
Cydonia Japonica, 2 to 3 feet................ 6c
Deutzia Crenata Fl. Pl., 2 to 3 ft............ 3c
Austrian Pine, 3 to 4 feet......................15c
F. & F. Nurseries, Springfield, N. J., wholesale growers trees and plants in full assortment. Trade catalogue free.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Perennial phlox, field-grown, good clumps, good var., $4.00 per 100. Will have a few thousand rudbeckia Golden Glow from open ground at $5.00 per 1000. Arundo Donax, variegated, $5.00 per 100. Eulalia japonica var., large clumps, 10c each. Cash.
C. G. Nanz, Owensboro, Ky.

Sugar maples, nice trees, 4 to 5 ft., $4.00 per 100, $30.00 per 1,000; 5 to 6 ft., $6.00 per 100, $50.00 per 1,000. Linnaeus rhubarb, $1.50 per 100. Hemerocallis, early, medium and late, $3.00 per 100; $25.00 per 1,000. Oxalis, 60c per 100; $1.00 per 1,000. E. Y. Teas, Green's Fork, Ind.

Tree and shrub seedlings at rock bottom prices. Hardy plants, etc. Write for trade list. The cheapest and best on earth. We defy all competition. Big lot on hand; all good stock. Prompt attention given to all orders. Write at once. Taylor Perry, Jr., & Co., Roleta, Tenn.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list.
W. W. Wilmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemala, Box 51, Buckley, Ill.

5,000 Euonymus Japonica Green, 3 years, 24 to 30-in., $10.00 per 100; Euonymus Radicans Var. 3 years, 12 to 18-in., $10.00 per 100; Myrtle (Vinca Minor) $50.00 per 1,000. T. B. Hyatt & Son., Winfield Junction, N. Y.

Arbor-vitae, large fine plants, 3 to 4 ft., well shaped, 35c each, $4.00 per doz. Irish junipers, fine stock, 3 to 4 ft., 35c each, $4.00 per doz., 4 to 6 ft., 50c each, $5.00 per doz.
Nanz & Neuner, Louisville, Ky.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

For Sale—Cheap, 200 Carolina poplars, 10 to 12 feet high; 1,500 sugar maple trees, seedlings, average 3 feet high. E. Roach, Sta. 3, Nashville, Tenn.

Evergreens. Large stock of Blue Spruce, Douglas Spruce and Abies Concolor. Send us your list of wants. R. Douglas' Sons, Waukegan, Ill.

Hardy perennial phlox, 2½-in., 50c per doz.; $3.50 per 100. Hardy Scotch or May pinks, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Hardy herbaceous plants. For full list of varieties and prices see display adv. in this issue. Edw. B. Jackson, Stamford, Conn.

Imp. Gooseberry, 1-year, $5.00 per 1000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Over 100,000 hardy herbaceous plants. Write for list and prices. Edw. B. Jackson, Stamford, Conn.

HELIOTROPE.

Heliotropes, 10 best varieties, all named, 70c per 100; $6.00 per 1,000. Express paid on rooted cuttings; 2½-in. plants, strong, $2.00 per 100; $18.00 per 1,000. C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotropes, 6 best varieties, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Good varieties, strong plants, $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Heliotrope, rooted cuttings, $1.25 a 100.
Greene & Underhill, Watertown, N. Y.

HYDRANGEAS.

A superb new hydrangea. Hydrangea Hortensis Mariesii. This is a grand, unique new variety, sent out by James Veitch & Sons, London, England, last winter, 1899-1900. It is named after their collector, Mr. Maries, who introduced it, and described by them "as having remarkably very large sterile flowers, three inches in diameter; color a light pink, shaded mauve, and the finest of Hydrangea Hortensia. This variety is most remarkable and distinct in pots." It is sure to be a success. We offer strong plants, 4½-in. pots, 75c each; $7.50 a doz. Also Deutzia Corymbiflora, a very distinct variety; Deutzia gracilis rosea and Deutzia gracilis venusta, the Azalea Deutzia. Send for circular for price of these and other varieties. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

Hydrangeas, early blossoms, 6-in., $2.50 per doz., $18.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Hydrangeas, Thos. Hogg and Otaksa, [illegible] $2.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

HIBISCUS.

Hibiscus, 10 leading sorts, [illegible] 40c per doz., $2.50 per 100. Hibiscus Peach Blow (new), 75c per doz.
Good & Reese, Springfield, Ohio.

IVIES

Rooted cuttings, per 100, German [illegible] Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

English ivy in 2½, 3 and 4-in. pots, fine strong plants. For prices write Geo. A. Kuhl, Pekin, Ill.

German ivy, 2½-in., 50c per doz.; $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

German ivy, 2½-in., 2½c. Cash.
G. W. Weatherby, Chillicothe, Mo.

LANTANAS.

Lantanas, good assortment, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Weeping lantana, 2½-in., 35c per doz.; $2.00 per 100. Good & Reese Co., Springfield, Ohio.

LOBELIA.

Lobelias. Per 100. Pumila splendens, new, dark blue, white eye, 2½-in., $4.00; Emperor William, 2½-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lobelia, blue, from cuttings, 2½-in. pots, ready to bloom, $3.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Citrus trifoliate orange, very hardy, growing in open as far north as Philadelphia; has beautiful, sweet blossoms (fruit unedible). Small plants, 15c; 1 doz., $1.00. South Florida Nursery Co., Dade City, Fla.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges, 2½-in., 50c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

ORCHIDS.

Wanted—Bids on Cypripediums. Who will make an offer for any or all of the following lots? Cypripedium Insigne, 675 in 4-in. pots; 386 in 5-in. pots; 3,527 in 6-in. pots; 80 in 7-in. pots; 1 in 24-in. pot; also 166 choice varieties. J. B. Bloomingdale, New York City, 78 Fifth Av.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

PAEONIES FOR CUT FLOWERS.
Now is the time to order.
Soon is the time to plant them.
Red, per 100, $15.00.
Pink, per 100, $20.00.
White, per 100, $25.00.
CHICAGO PAEONY FARMS, Joliet, Ill.

Paeony chinensis in mixture, 2 and 3-year-old roots, per doz., $1.00; per 100, $5.00; per 1000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Fine double varieties, $6.00 per 100; $50.00 per 1,000. J. F. Rosenfield, West Point, Neb.

Paeonies, best florists' sorts, all colors, $12.00 per 100. F. A. Baller, Bloomington, Ill.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	5 to 6	.75	7.20	60.00
5	18 to 24	5 to 7	1.00	12.00	90.00
6	20 to 22	6 to 7	1.25	15.00	125.00
6	26 to 28	6 to 7	1.50	18.00	150.00
7	36 to 40	6 to 7	2.25	27.00	200.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
5	22 to 26	5 to 6	1.00	12.00	90.00
6	28 to 30	5 to 6	1.25	15.00	125.00
6	30 to 34	6 to 7	1.50	18.00	150.00
8	44 to 50	6	3.25	39.00	300.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼		3	....	$0.60	$ 6.00
3	12	5 to 6	....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00
6	24 to 30		.75	9.00	

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	18 to 20	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Leaves.	Doz.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz; $10 per 100; 10-inch pots, 40 to 45 inches high, 6 to 8 leaves, $3.50 each.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 1.00	$ 8.00
Utilis	3	2.00	15.00
Veitchii	6 extra fine	18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

PEPEROMIAS.

Argyraea, 4-inch, $2.00 per doz.
Peltata, 4-inch, $2.00 per doz.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10; $90.00 per 100.

These plants are all atrong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all order accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

BALL'S PALMS—Choice hardy atock, perfect in every way.

Areca lutescens, 2¼-in., $6.00 per 100; made up plants, 6-in., 50 and 75c; 8-in., $1.60 each.

Kentia Belmoreana, 2¼-in., 3 to 4 lvs., $12.00 per 100; 3-in., 4 to 6 lva., 15, 20 and 25c each; 4-in., 5 to 6 lva., 35, 40 and 50c each; 6-in., 75c; 6-in., 6 to 8 lvs., $1.00 and $1.25 each; 8-in., $2.00 each.

Latania borbonica, 2¼-in., $4.00 per 100; 6-in., 50 and 75c each; 8-in., $1.50 each; atrong and stocky.

Livistona rotundifolia, 4-in., 35c each.
Pandanus Veitchi, 6-in., $1.00 each.
Pandanus utilis, 6-in., 50c each.

CHAS. D. BALL, Holmesburg, Phila., Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	16-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	16.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.

P. J. Berckmans Co., Augusta, Ga.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Latania Borbonica, from 2½-in. pots, $3.50 per 100; $30.00 per 1000; 3-in. pots, $7.00 per 100; 4-in. pots, $15.00 per 100; $2.00 per 12; 5-in. pots, $30.00 per 100; $4.00 per 12; 6-in. pots, $50.00 per 100; $7.25 per 12; from 8-in. pots and larger, $2.50 each and upwards, according to size. Kentia Forsteriana and Belmoreana, from 2½-in. pots, $8.00 per 100; 3-in. pots, strong, $15.00 per 100; 4-in. pots, $30.00 per 100; 5-in. pots, $60.00 per 100, $8.00 per 12; 6-in. pots, $15.00 per 12; from 7-in. up at $1.75 each, and more according to size. Areca Lutescens, from 2½, 3 and 4-in. pots, at $5.00, $8.00 and $20.00 per 100; 6-in. pots, $40.00 per 100, $6.00 per 12. Fine stock of larger plants from $1.50 upwards. Two fine specimen plants, about 10 feet high, for $70.00 the pair. Cocos Weddeliana, 4-in. pots, $25.00 per 100. • Phoenix Reclinata, 4-in. pots, $20.00 per 100; 5-in. pots, $35.00 per 100, $4.50 per 12. Larger plants from $1.00 up. Phoenix Rupicola, 6 and 7-in. pots, $1.00 to $1.50 each. John Bader, Troy Hill, Allegheny, Pa.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $24.00.

KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.

ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.

FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.

J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

LATANIA BORBONICA, nice clean stock, full character leaves, 4-in., $15.00 per 100, $2.00 per doz.; 5-in., full character leaves, $30.00 per 100, $4.00 per doz.; 6-in., fine plants, from $50.00 to $75.00 per 100. Cash with order. Critchell's, Station I, Cincinnati, Ohio.

Kentias—Belmoreana, 3 and 3½-in. pots, $3.00 per doz. Forsteriana, 5-in. pots, $6.00 per doz. Larger sizes from 75c to $10.00 each. Wm. A. Bock, North Cambridge, Mass.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Latanias, strong stock, 2½-in. pots, 3c; 4-in. pots, 10c; 5-in. pots, 25c.
Joy & Sons Co., Nashville, Tenn.

Palms, seedlings, 2½-in., 60c per doz.; $4.00 per 100. Good & Reese Co., Springfield, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

THE JENNINGS STRAIN OF PANSIES. 30,000 fine, strong, transplanted plants, 60c per 100 by mail; $4.00 per 1,000 by express. Fine, stocky, cold-frame plants in bud and bloom, $1.50 per 100; $7.00 per 500. The above all extra fine stock. Cash with order. E. B. Jennings, L. B. 254, Southport, Conn., grower of the finest pansies.

From Roemer's best giant premium pansy seed. Healthy plants from cold-frames, 50c per 100; $4.00 per 1,000. Express prepaid for cash. Des Moines Plant Co., Des Moines, Iowa.

10,000 Michell's giant exhibition pansy plants. They are extra fine and can be shipped at once. Price per 1000, f. o. b. express office, $4.00. Cash with order. J. L. Elliott, Bethlehem, Pa.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Giant Trimardeau. Fine transplanted, atocky plants; grand atrain for size of flower and variety of colors, 60c per 100 by mail; $3.00 per 1000 by express. E. Fryer, Batavia, Ill.

100,000 pansies from seed grown for our own use; strong coldframe plants; $4.00 per 1000 from seed frame. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

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Pansies worth raising. Good plants, $4.00 per 1,000. Cash.
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1000 pansy plants, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Pansies, 2½-in., 60c per 100.
Good & Reese Co., Springfield, Ohio.

PELARGONIUMS.

Pelargoniums, in 3 and 4 in., as fine a lot as you ever saw. Special price. Write Geo. A. Kuhl, Pekin, Ill.

Pelargoniums, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

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Petunias, 8 varieties, large top cuttings, well-rooted, $1.25 per 100; $10.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Dreer's finest double petunias, 2½-in., 50c per doz., $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, dbl. white (snowball), 2½ in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Double petunias, finest fringed, $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Dble. fringed petunias, rooted cuttings, $1.00 per 100. Kruger Bros., Toledo, Ohio.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

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Primroses, 2½-in.: Chinese, 50c per doz., $3.00 per 100; Obconica, 35c per doz, $2.00 per 100; Baby Primrose, 40c per doz, $3.00 per 100. Good & Reese Co., Springfield, Ohio.

Baby Primroses, nice, thrifty and stocky plants, 2 in., $2.00 per 100. H. L. Ragan, Box 166, Springfield, Ohio.

Baby Primroses. Good atock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

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2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000.
CALIFORNIA PRIVET, 2 yr, $19.00 per 1,000.
Choice cuttings, 1,000, $1.25; 20,000, $20.00.
Packing free. Cash with order.
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Geraniums, best varieties, 3-in., $5.00 per 100; Rex begonias, 3½-in., extra fine plants for Easter, per doz. $1.50; Double Yellow nasturtiums, per doz., 75c; Scarlet Sage, rooted cuttings, per 100, $1.00; Ageratum, Princess Pauline, rooted cuttings, per 100, $1.00; Double Petunias, rooted cuttings, some transplanted, per 100, $1.50; Lantanas, mixed, from soil, per 100, $1.50. Cash with order. Hermann Stabenow, 1657 N. 10th St., Reading, Pa.

Coleus, 100 old and new; sample leaves for 2c stamp. Verschaffeltii and Golden Bedder, 55c per 100. Red achyranthes and two grand basket plants (variegated dewdrop and large-flowered mesembryanthemum), 20c per doz. Alternantheras, red and yellow, choice plants. Cash with order. Theo. Fuhr, Box 612, Alliance, Ohio.

Coleus, 20 varieties, 50c per 100. Salvia, Bonfire, 60c per 100. Ageratum, Princess Pauline, 50c per 100. Alternantheras, yellow and green, red and green, 50c per 100. Coleus, 2-inch pots, $1.25 per 100. Salvias, 2-inch pots, $1.50 per 100. Cash with order. Crescent Greenhouses, Delavan, Ill.

Coleus Verschaffeltii, 75c per 100; $6.00 per 1,000. Coleus Golden Bedder, Ageratum (blue dwarf) and alyssum Carpet of Snow, 60c per 100; $5.00 per 1,000. Jas. Ambacher, Long Branch, N. J.

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ROSES—Fine young atock of the following varieties from 2½-in. pots, $2.50 per 100; $20.00 per 1000:

Clothilde Soupert.	Yellow Rambler.
Wichuriana.	Golden Rambler.
Rubens.	Duchess Brabant.
Coq. de Lyon.	Climbing White Pet.
Comtesse Frigneusse.	Mary Washington.
Princess Sagan.	Marie Ducher.
Purple China.	Triumph Pernet Pere.
Tennessee Belle.	Marquis de Viviens.
Crimson Rambler.	President.
White Rambler.	Bridesmaid.
Aggrippina.	Henriette.
Mme. F. Kruger.	Lucullus.
Mme. Elie Lambert.	Vera de Flora.
Louis de la Rive.	Etoile de Lyon.
Snowflake.	Mrs. DeGraw.
Seven Sisters.	Mme. Jos. Schwartz.
Lamarque.	Pink Rambler.
Bride.	Yellow Soupert.
Safrano.	Marie Van Houtte.
Lady Warrender.	LaPactole.
Marie Guillot.	Baltimore Belle.
Media.	Miss Wenn.
Empress of China.	Chromatella.
Wm. A. Richardson.	Catharine Mermet.

All other standard varieties of roses and a full line of general atock. Send for price list.
THE NATIONAL PLANT CO., Dayton, O.

We make the growing of [illegible] a specialty and carry an immense stock of [illegible], having over 2,000,000 now on [illegible]. The following varieties at 40c per doz., [illegible] per 100, [illegible] per 1000; 25 at 100 rate, [illegible] at 1000 rate:

Alister Stella Gray. Mme. [illegible]
Antoine Verdier. M[illegible]
Agrippina. [illegible]
Augustine Halem. Marie Guillot.
Aline Sisley. Mme. [illegible]
Adam. Mme. [illegible]
Archduke Charles. Marie [illegible]
Beauty of Stapleford. Maman Cochet.
Bridesmaid. Mrs. [illegible] Garrett.
Bougere. Mme. de Vatry.
Bon Silene. Mme. [illegible]
Bertha Clavel. Mme. [illegible]
Baltimore Belle. Mme. Welch.
Caroline Goodrich. Mme. [illegible]
Comt. de Frigneuse. Mme. Hoste.
Catherine Mermet. Meteor.
Christine de Noue. Marie Van Houtte.
Crown P. Victoria. Marechal Niel.
Climbing Meteor. Mme. [illegible]
Coquette de Lyon. Muriel Grahame.
Cloth of Gold. Mosella.
Clothilde Soupert. Pink Soupert.
Cornelia Cook. [illegible]
Champ. of the World. Pink Rambler.
Climbing Bridesmaid. Papa Gontier.
Duchess de Brabant. Princess Sagan.
Dr. Grill. Pink Daily.
Duchess of Albany. Queen's Scarlet.
Devoniensis. Reine M. Henriette.
Enchantress. Royal Cluster.
Empress Eugenie. [illegible]
Empress of China. [illegible]
Etoile de Lyon. [illegible]
Gen. Tartas. [illegible]
Gen. R. E. Lee. Souv. de la Malmaison.
Henry M. Stanley. The Queen.
Helen Cambier. Triomphe de Pernet Pere.
Isabella Sprunt. Triomphe du Luxembourg.
James Sprunt. The Bride.
Jules Finger. Viscountess Folkestone.
Kaiserin A. Victoria. Wichuraiana.
La Princess Vera. White Rambler.
La France. White Bougere.
Lamarque. White Daily.
Mme. de Watteville. White Maman Cochet.
Mme. Elie Lambert. White La France.
Mme. Lambard. Yellow Rambler.
Mme. Scipion Cochet. Zelia Pradel.

The above roses from 4-in. pots, strong plants, $8.00 per 100, except Marechal Niel which is 15c each.

The following varieties at 50c per doz., $[illegible] per 100, $25.00 per 1,000, 25 at 100 rate, [illegible] at 1,000 rate:

Climbing Paul Neyron. Mrs. Robt. Peary.
Climbing Wootton. Marion Dingee.
Crimson Rambler. Perle des Jardins.
Climbing Malmaison. Princess Venosa.
Clara Watson. Pres. Cleveland.
Duchess of Edinburg. Queen of the Prairies.
Evergreen Gem. Russell's Cottage.
Francis Dubreuil. Souv. de Cath. Guillot.
Gardenia (Evergreen). Souv. de Wootton.
Golden Gate. Souv. Mme. E. Verdier.
Helene. Sunset.
Hermosa. Waltham Queen.
Jersey Beauty. White Perle.
J. B. Varrone.

The above roses from 4-in. pots, strong plants, $10.00 per 100.

Newer Roses.	Per 12	Per 100
Antoine Rivoire	$ .60	
Ada Carmody	1.00	
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Admiral Dewey	1.00	$6.00
Baldwin	.75	5.00
Duch. de Arenberg	1.00	
Ferdinand Jamain	.75	4.00
Grus Au Teplitz	.60	4.00
Gardenia	1.00	
Johanna Wessenhoff	2.00	
Lady Dorothea	1.00	6.00
Meta	1.25	
Mme. Boullet	1.00	
Mme. Russon	1.00	
Mrs. Mawley	1.00	
Pierre Mignon	1.00	
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Hybrid Perpetual Roses, in the following varieties, at 50c per doz., $3.00 per 100:

Anna Diesbach. Ball of Snow.
Clio. Capt. Christy.
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Glo. de Ex. Bruxelles. Gen. Jacqueminot.
Giant of Battles. Gloire de Margottin.
Gloire de Lyonnaise. Jubilee.
La Reine. Louis Van Houtte.
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Vick's Caprice.

The above hybrid roses, from 4-in. pots, strong plants, $12.00 per 100.

THE GOOD & REESE CO., Springfield, Ohio.

Roses for southern florists. Large plants for immediate effect. Climbers, 2 to 3 ft.; Teas well branched; worth $3.00 per dozen. Now at $10.00 per 100. Can easily go by freight. Varieties: Climbers—Climbing Wootton, Malmaison, Solfaterre, Meteor, James Sprunt, Reine Marie Henriette, Lamarque, Julia Pradel. Hybrids—Gen. Jacqueminot, John Hopper, Souv. de Lowdon, Lord Raglan, Louis Van Houtte, Roger Lamberlin, Madame Plantier, $10.00 per 100. Teas—Isabella Sprunt, Duchess de Brabant, Mme. Jos. Schwartz, Baronne Berge, Meteor, Henry M Stanley, Souv. de F. Gaulain, and many more. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

[illegible] field-grown [illegible]

[illegible] Baltimore Belle
[illegible] Empress of China
[illegible] Pride of Washington
[illegible] Prairie Belle
[illegible] White Rambler
[illegible] Yellow Rambler
[illegible] Agrippina
[illegible] Baron Bonstetten
[illegible] Charles Margottin
[illegible] Anne de Diesbach
[illegible] La Reine
[illegible] Madame Plantier
[illegible] Gardenia
[illegible] Manda's Triumph
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State how you wish them shipped [illegible]. Cash with order. [illegible] Greenhouse [illegible] Newberg [illegible]

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Field grown, own roots [illegible] [illegible] Gen. Jacqueminot [illegible] per 100 [illegible] Maman Cochet [illegible] Crimson Rambler [illegible] Yellow Rambler [illegible] strictly first class [illegible] The Howland Nursery Co., Los Angeles, Cal.

ROOTED ROSE CUTTINGS—Bridesmaid, Bride, Meteor and Perle, [illegible] per 100, [illegible] per 1,000. Golden Gate, [illegible] per 100, [illegible] per 1,000.

ROSE PLANTS from 2½-in. pots: Liberty, $12.00 per 100, [illegible] per 1,000. Golden Gate, $3.00 per 100, $2[illegible] per 1,000. Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100, $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

Roses, Empress of China, 2½-in. pots, $2.00 per 100; A. Guinoiseau, Bon Silene, Bride, Bridesmaid, C. Soupert, Dr. Grill, Etoile de Lyon, Hermosa, Henry M Stanley, Mosella, Maman Cochet, Maria Guillot, Malmaison, Nephesto, Perle des Jardins, Papa Gontier, Princess Sagan, Rainbow, Sunset and Safrano from 4-in. pots, mostly 2 years, well branched and well established, $8.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100, $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2¼-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $45.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

Finest Maids and Brides in the market. Long distance shipments of cut blooms with exceptional success. Rooted cuttings of the above, $15.00 per 1000. Princess of Wales violets, R. C., $15.00 per 1000. Anchorage Rose Co., Anchorage, Ky.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa.

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

Strong, well established plants of Bride, Bridesmaid and Golden Gate, from 2½-in. pots, $3.00 per 100. Ready May 1. Place your order now and choice stock will be reserved for you. L. L. May & Co., St. Paul, Minn.

10,000 roses, dormant and H. Pa., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Baller, Bloomington, Ill.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

2-year roses, bush and climbing varieties, in large quantities, $4.00 to $10.00 per 100. Send for list and prices.
ELIZABETH NURSERY CO., Elizabeth, N. J.

American Beauties [illegible] Joseph Heacock, Wyncote, Pa.

[illegible] Kentucky [illegible] David & Sons, Louisville, Ky.

[illegible] La France [illegible] Malmaison [illegible] W. H. Salter, Rochester, N. Y.

[illegible] per 100 [illegible]

[illegible] first class [illegible] American Beauties [illegible] Bridesmaids, $3.00. [illegible]

[illegible] Bridesmaid and Meteor [illegible]

American Beauty Roses [illegible] cuttings, [illegible] per [illegible] per 1000 [illegible]

Field-grown American Beauties, 2 years old, $15 per 100; $125 per 1000. Southern Floral Co., [illegible] St., Dallas, Tex.

Roses in 2 and 2½-in. We grow all the leading varieties and our stock is fine. Write us. Geo. A. Kuhl, Pekin, Ill.

Roses—Brides and Maids, clean, healthy stock from 2½-in., ready April 1, $2.50 per 100. Krueger Bros., Toledo, Ohio.

Field Grown Crimson Rambler, $5.00 per 100, Mme. Plantier, same price. Wm. K. Nelson, Augusta, Ga.

Golden Gate, strong 2-in., $3.00 per 100. Perle, 2-in., $2.50 per 100. J. M. Smely, Aurora, Ill.

Send for wholesale list of hardy roses. C. H. Joosten, 85 Dey St., New York.

For list of varieties and prices write F. W. O. Schmitz, Jersey City, N. J.

Hardy roses in great variety.
Ellwanger & Barry, Rochester, N. Y.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

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Russelias, 2 new kinds, 2½-in., 40c per doz.; $3.00 per 100. Good & Reese Co., Springfield, O.

Russelia multiflora, 2-in., fine plants, 50c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

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Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1000. Cash. Benj. Connell, West Grove, Pa.

Salvias Clara Bedman and splendens, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1000. Jerome Harley, Media, Pa.

Salvia Clara Bedman, 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Salvias, 3 colors, 2½-in., 40c per doz.; $2.50 per 100. Good and Reese Co., Springfield, Ohio.

Salvia, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia splendens, 2½-in., 2c; rooted cuttings, 1c. W. B. Woodruff, Westfield, N. J.

Salvia St. Louis, 2½-in., $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SEEDS.

XXX SEEDS—Chinese Primrose; the finest strain grown; large flowering, fringed; 15 varieties; single and double, mixed, 500 seeds, $1.00; half pkt., 50c.

Pansy, finest Giants. The best of the large-flowering varieties; strong growing; seed plants critically selected. Choice mixture, 4000 seeds, $1.00; half pkt., 50c.

Cineraria. The finest large-flowering dwarf varieties in best mixture; 1000 seeds, 50c.

Primula Obconica Hybrida. Finest giant flowering hybrids; grand; 1000 seeds 50c.

JOHN F. RUPP,
The Home of Primroses. Shiremanstown, Pa.

New Aster Daybreak, a splendid novelty; fine for cutting; same color as Daybreak carnation. Trade pkt., 25c; ¼-oz., 50c; oz., $1.50. Semple's lavender aster, 50c per oz; Mignon aster, mixed, ¼-oz., 25c; oz., 75c. Ellis Bros., Keene, N. H.

SEEDS—Continued.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting, they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground but is also the most desirable for forcing under glass for winter cut flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts., oz. 6 cts., ¼ lb. 20 cts; per lb. 60 cts., 5 lbs. or more at 55 cts. per lb.
W. ATLEE BURPEE & CO., 457-477 N. 5th St., PHILADELPHIA, PA.

Fresh choice flower seeds. We raised a breeze with our fine flowers last year. 2,000 pkts. of seed for sale. The largest packets you ever bought for the money, of the following kinds: Asters tall, Asters dwarf, Foxglove, Canterbury Bells, Wall Flowers, Verbenas, Candytuft, Scabiosa, Japanese Pinks. All in mixed colors. The following in separate colors: Double Hollyhock, white, pink and yellow. Snapdragon, white and red, 6c a packet postpaid. Mrs. R. Walz, Wadsworth, Medina Co., Ohio.

Carlson's improved paeony-flowered aster is the largest of the form known, reaching 4 to 5 inches in diameter. One oz. each of white, pink and lavender, $2.50; large trade pkt., 50c; common pkt., 10c. Cash with order. D. S. Heffron, Washington Heights Station, Chicago, Ill.

Complete line of all new crop flower seeds in store. If you have not received our "Florists' Wholesale List," write for it. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

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Smilax from flats, 30c per 100; $2.50 per 1,000. Joseph Wood, Spring Valley, N. Y.

Smilax, 2-in., $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

Smilax, 2½-in., 30c per doz., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

SPIRAEA.

Blue Spiraea, 2½-in., 40c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia variegata, 2½-in. pots, fine, $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba galegifolia, rooted cuttings, $1.25 per 100; 2-in. pots, $1.75 per 100. Logan Ave. Greenhouses, Danville, Ill.

Swainsona alba, 3-in., $4.00; 4-in., $6.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Swainsona alba, 2½-in. pots, $2.00 per 100. Jerome Harley, Media, Pa.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Add 10c per 100 to above prices if by mail. Brussels Sprouts, 25c per 100. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Vegetable plants. I grow them by the thousands. Fine Jersey sweet potato plants, 20c per 100; $1.50 per 1,000. Cabbage plants—early plants, 20c per 100, $1.75 per 1,000; late Flat Dutch and other best varieties, 15c per 100, $1.00 per 1,000. Tomato plants—the earliest and best varieties ever raised. Don't fail to try the "Picturerock," one of the grandest tomatoes ever grown. Send for printed list. S. J. McMichael, 142 Larkins St., Findlay, Ohio.

Tomato plants Beauty, Lorillard and Sutton's Best of All, 3-in., in bud, $2.00 per 100. Dwarf Champion, Mayflower, Sutton's and Beauty, from flats, 15c per 100; $1.25 per 1,000. Lorillard, transplanted, 50c per 100. Lettuce Silver Ball, 15c per 100, $1.00 per 1,000. Mrs. Griswold, Worthington, Ohio.

Plants for transplanting. Cabbage—Early Spring, All Head, Charleston and Winnigstadt. Tomatoes—Champion, Aristocrat and Stone. 15c per 100, $1.25 per 1000; if by mail, add 10c per 100. W. D. Chase & Son, New London, Ohio.

Carmen No. 3 seed potatoes, 75c per bu.; 3 bu. bbl., $2.00. Lettuce plants, 35c per 100; 300 for $1.00, express paid. Cottage Greenhouses, Litchfield, Ill.

Seed sweet potatoes—Yellow Jersey and Yellow Nansemond, $2.00 per bbl.; special price on large lots. Davis Bros., Morrison, Ill.

VERBENAS.

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VERMONT PLANTS.

Some interesting statistics of Vermont plants are sent out from the Vermont experiment station. These figures are taken in part from the new flora of the state, published by the Vermont Botanical Club.

According to this publication there are now 1,563 species of ferns and flowering plants known to occur uncultivated in Vermont. Of these, 79 species are of trees, including 11 species of oak, seven kinds of maple, six poplars, four pines and four birches. These are mostly useful, but there are 80 species of weeds, some of which are pernicious and promising trouble.

Out of the present census of 1,563 species, 270 have moved into the state since the country was settled. Many of them have come mixed with agricultural seeds, or have been introduced directly or indirectly by artificial means. A large proportion of these newcomers are importations from Europe, and only a minority of 60 or less have come to Vermont from other states or from Canada.

DULUTH, MINN.—John Richter is now with W. W. Seekins.

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A QUARTER CENTURY'S PROGRESS.

By Patrick O'Mara.

Read before the Massachusetts Horticultural Society.

The phenomenal progress made in horticulture during the past few years may well supply a theme for the essayist, provide food for thought to those engaged in its development, and prove an interesting study for those even remotely connected with it. While horticulture generally has made great strides forward, the most pronounced progress has been made in floriculture, particularly in the growing of cut flowers to supply the great rushes during the winter season. It is in this particular branch of floriculture that American horticulture can justly claim pre-eminence over all others, and although the scope of this paper is not limited to this alone, a review of it will form the principal part. So pronounced is the advance in greenhouse construction, in methods of growing, in business methods, in the varieties of roses, carnations, chrysanthemums, geraniums, cannas and other flowering plants, that the progress may be well termed evolution. Coincident with the advance made in growing, and equally pronounced, is the great change in the retail stores; in fact, much of the change in the growing must be credited to the enterprise of the retailer.

My first actual contact with the great New York cut flower market was in the winter of 1874-75. It seems incredible in these days that one man carrying flowers in a basket, with a boy to help on busy days, and the use of a horse and wagon at Christmas and New Year's, would dispose of about $35,000 worth of flowers annually, but such was the fact. A large basket, such as was in general use to carry cut flowers then would hold an amazing lot of flowers. La Paetole, Lamarque, Safrano, Isabella Sprunt, Bon Silene and Douglas roses, cut with stems about a foot long in the extreme, did not take up much room; carnations picked short and a few perhaps on stems about six inches long; double white primula picked short, Stevia compacta, bouvardias, abutilons, bunches of heliotrope, Chorozema varia, Lilium candidum, Euphorbia Jacquiniflora, tuberoses, lily of the valley, eupatorium, allamanda, begonias, Dutch bulb stock, Jasminum grandiflorum, calla, violets, sweet alyssum, mignonette, clerodendron Balfouri, Eucharis Amazonica, leaves of Cissus discolor, smilax, leaves of Pelargonium Madame Pollock, rose geranium leaves, fern fronds, anything and everything in the shape of flowers could be sold in the early part of the last quarter century. The camellia was in the market when I first began, but was rapidly passing away. It is interesting to note that the camellia was much in evidence among the flowers used at the funeral of the late Queen of England, and that there is every evidence of a revival in them. Thus do fashions change, and the favorite of today may be the despised outcast tomorrow. Orchids, with the exception of Cypripedium insigne, Dendrobium nobile, Bletia Tankervillia or Phaius grandifolius, Persisteria elata and zygopetalum, were practically unknown, and only a few of these found their way to market—mainly from private collections.

It was about 1875 that the first decided groundswell in the coming evolution in floriculture was felt. All eyes were being turned toward the rose; the varieties then being grown were far from satisfactory. Larger flowers and a better grade were demanded and the supply was forthcoming. The growers of Madison, N. J., began sending in Cornelia Cook, and a great sensation it was! General Jacqueminot was artificially rested and forced into flower, the buds bringing from $1 to $2 each. William Francis Bennett and Pierre Guillot were tried in an effort to provide the desired red rose in winter and failed. Souvenir de Wootton made its appearance and held its own until the growers realized the needs of Meteor, which has since held the field until challenged by Liberty, to which it has not yet relinquished it. Souvenir d'un Ami was unable to hold its place against the grand Catherine Mermet and the day came when her fair daughter, Bridesmaid, drove the parent from the market. The Bride, another daughter of Mermet, quickly drove Cornelia Cook and Niphetos into obscurity. Perle des Jardins eclipsed Marechal Neil, and Sunset, daughter of Perle, had her day only to retire into obscurity even before the parent. About 1885 the American Beauty was ushered in. This grand rose has surpassed the most sanguine predictions of the prophets, and up to the present time is without a rival. One daughter, American Belle, has passed on, but another and fairer daughter, Queen of Edgely, has made her debut, and whether she can move in the same orbit has yet to be determined. Mme. Hoste, Mme. Cusin, Mrs. J. Pierpont Morgan, Belle Siebrecht, Mme. Caroline Testout, La France, Souvenir de President Carnot, each have had their day; some of them are having it still, but a comparatively small day it is. Papa Gontier has gone too. Kaiserin Augusta Victoria is one of the varieties which has come to stay. Mme. de Watteville, Mme. Pierre Guillot, Mme. Capucine, Duchess of Albany, Puritan and Waban, from which much was expected, file past in our memories.

Next in importance to the rose as a cut flower comes the carnation. The development of the carnation in this country is distinctively American. The varieties in use have been raised here, the methods of culture have been perfected here. From Hinsdale to Prosperity; Portia to America, G. H. Crane and Jubilee; from Pres. de Graw to Lizzie McGowan, Flora Hill, Alaska and White Cloud; from La Purite to Tidal Wave, William Scott and Mrs. Thomas W. Lawson; from Miss Joliffe to Daybreak; from Charmer to Mrs. George M. Bradt and Olympia; from Astoria to Buttercup and Gold Nugget; from Rosy Morn to Ethel Crocker, the Marquis and Genevieve Lord; from Crimson King to General Maceo, General Gomez, Egypt and Governor Roosevelt—these indicate the giant strides made, but tell little of the patient, intelligent efforts of the hybridizers. It is a record of which American horticulturists may well feel proud.

The violet, that other important member of the cut-flower family, has grown in importance with the others, but its history does not contain as much interest as does that of the rose or carnation. The chrysanthemum, which forms a bright spot in the cut-flower market, exhibits one of the most wonderful efforts in American horticulture to develop and popularize a particular flower. To Mr. John Thorpe is due much of the credit for this. The exhibitions in New York beginning in 1886, also in Philadelphia and Boston, the importation from Japan of the collection containing Mrs. C. H. Wheeler and other good sorts, the importation in 1888 containing Mrs. Alpheus Hardy and other valuable varieties, importations from England and the continent, the rapid production of seedlings of pronounced merit here, all combined to set afloat on the sea of popular favor the glorious "Queen of Autumn." It is highly creditable to our cultivators that well among the best varieties in the world today are found varieties raised here.

Now let us glance at the evolution in the plant trade. It is today divided into, say, five sections—the catalogue trade, the carnation rooted cutting trade, which is a branch really of the cut-flower trade; the market florist near the large cities, who grows soft-wooded flowering and ornamental foliaged bedding plants for market and cemeteries; the grower of decorative plants, such as palms, for the city retail florist; and the florist in the smaller cities and towns who supplies a local trade almost exclusively.

The first mentioned is perhaps the most important and the most interesting. The men engaged in it have to decide what to take up and what to drop, and as the majority decide, so it will be in nine cases out of ten. The catalogue man reaches where no florist or seedsman has yet ventured. The development of the catalogue has been wonderful in the extreme. Twenty-five years ago the most ambitious in the country was a book of about one hundred pages, 6x9 inches, in a plain cover and sparsely illustrated. This was a tremendous advance over what was published ten years before. Today the leading catalogue has 194 pages, is a book 8⅛x10¾ inches, has an illuminated cover, six colored plates, colored photographic scenes, every page is profusely illustrated, and ten copies are distributed for one sent out twenty-five years ago. Although I am unable to say how many firms issued catalogues twenty-five years ago, yet I think one hundred would cover them. Today there are about three hundred and fifty in the field. In addition to these we must consider the great number of foreign catalogues sent here; the American trade is no mean item to European houses. Owing to the great variety of stock carried by seedsmen, florists and nurserymen, advertising must take the form of securing distribution for the catalogue. The first, I believe, to advertise a specialty as a vehicle to distribute a catalogue was Peter Henderson with the celebrated moonflower in 1887. He first offered the plant in his catalogue as Calonyction grandiflorum, or "Evening Glory," in 1879, the text dilating on its moonlike flowers. In 1884 the name moonflower was used in the catalogue for the first time; the price was twenty cents then and up to 1887. When it was advertised in the magazines the price was fixed at 40 cents each, and the demand was phenomenal, about 60,000 plants being sold, against 2,000 the previous year. This experiment showed so forcibly the value of a popular and descriptive name and the use of a specialty that the plan was followed by many thereafter with varying

success. The use of the appellation "Ostrich-Plume Chrysanthemum" for Mrs. Alpheus Hardy, and of "The Memorial Rose" for Rosa Wichuraiana were equally productive of results. But many overshot the mark, and some of the alleged popular names were not descriptive and were meaningless in their application. The offering of a money prize for a suitable name was the natural outgrowth of the first principle, and for a time was a potent agent in attracting customers. All these are interesting as manifestations of the evolution of American horticulture. The catalogue trade in plants, influenced no doubt by the cut-flower market, is given up largely now to roses, chrysanthemums, carnations, etc. Twenty-five years ago there was a larger collection of plants offered than today. This is somewhat to be regretted. The greenhouses on large private places are mainly devoted to growing cut flowers instead of collections of stove and greenhouse plants. For this reason they are not so interesting to visitors, nor even to the owners, and a return to the former vogue would be an improvement.

The period which we are contemplating saw the rise, the climax and the partial fall of the ornate bed, involved design, and carpet system of outdoor bedding. That it was carried to excess is undeniable. It is questionable taste to show prize fighters and elephants in ornamental beds of plants. Butterflies could be tolerated, flags are not out so far as ships that do not sail and railroad trains that never go can only be regarded as monstrosities in lawn decorations. This school of gardening was vigorously attacked in the house of its friends by William McMillan at the convention of the Society of American Florists in 1889. At the World's Fair in '93 it was conspicuous by its absence. The pendulum swung too far the other way there, the reaction came, and we are promised some ornamental bedding at the Pan-American Exposition in Buffalo this year.

The Society of American Florists, formed in 1884, brought about a concentration of effort otherwise impracticable if not impossible. A trade press was established through which intelligence was disseminated. The annual meetings brought men together and ideas were exchanged, rivalry was fostered, and ambition received a spur. Florists' clubs and gardeners' associations have sprung up in all the large cities. We have the Rose Society, the Dahlia Society, the Florists' Hail Association and the Florists' Protective Association. New plants are officially registered; printed labels are in general use in the shipping trade; hotels and private residences are bowers of exotic plants; one may order in New York to have flowers delivered in Paris, London or Berlin. These are a few of the milestones in a quarter-century's progress. In that period we have seen introduced the Bermuda lily, the Crozy cannas and their seedlings; we have seen roses propagated during the summer and distributed by millions and tens of millions by mail and express; we have seen the home grower successfully compete in budded roses with the foreigner; cheap and good land with energy plus have beaten cheap labor; we have had Asparagus plumosus and prengeri; we have had the Crimson Rambler rose; we have seen the bay trees dot our streets; we have seen great botanic gardens like the Bronx brought into being; we have seen the wonderful development of the Arnold Arboretum, the Metropolitan system of parks in Boston, have seen the Back Bay Fens converted from a swamp into a garden, and here I desire to say that in all which tends to the advancement of horticulture along its best and broadest lines, the Massachusetts Horticultural Society has played and is playing a most prominent part. The Boston fern has impressed itself on the horticulture of the day. Begonia Gloire de Lorraine has appeared, and this reminds me of how much we owe to Lemoine, Bruant and other foreign hybridizers for improved heliotropes, syringas, begonias, fuchsias, pelargoniums, chrysanthemums, roses, etc. There are other plants which signalize the quarter-century, but I feel that I have penned enough to show the progress made.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

Largest Trained Chrysanthemum:—We have seen plants of 5 feet to 6 feet in diameter at the shows of the National Chrysanthemum Society, and plants grown in Japan of 9 feet in diameter have been figured in this journal. The Japanese are clever cultivators, and plants of very large size are obtained by grafting branches of one or several varieties on to those of a mother plant, and thus extending it laterally on a fence or an indefinite length.

Marguerites:—The grubs in the leaves of your Marguerites are the maggots or mining larvæ of a fly, Phytomyza nigricornis. It will be best to remove those leaves which are worst disfigured, the maggots in the other leaves may be crushed between the thumb and finger. Spray your plants occasionally with a solution of Quassia, which will make them less tasteful to the female Phytomyza that lays her eggs upon the leaves.

Montbretia and Iris Disease:—The spotting of the Flag Iris leaves is caused by a fungus (Heterosporium gracile), which is abundant on the specimen. The leaf-spots so characteristic of this fungus on Iris, are not shown on the Montbretia, where the disease appears as an irregular, dark-colored coating of fungus filaments over all parts of the leaf and stems; spores with the same appearance as those on the Iris, and evidently identical, are abundant. It is, therefore, probable that this fungus already recorded on several genera of Iridæ, also occurs on Montbretia.

Solanum capsicastrum Diseased:—The fungus on the shoots sent is the Tomato-leaf Rust (Cladosporium fulvum). We have previously found it, as in your case, on other species of Solanum. No doubt, as you suggest, forcing treatment has rendered the young shoots susceptible to attack. The fungus is not difficult to check. You say it occurs as yet only here and there; then prune off the parts where it occurs. Spraying with potassium sulphide (½ oz. in each gallon of water) is generally successful with Tomatoes, if begun early; but with your Solanums it might be well to try this strength on a plant or two, to ascertain whether it does damage to the foliage, if so, more water must be added. If the same house, or a Tomato-house, is to be used next year for this plant, it should be previously washed down with a disinfectant.

Pandanus Veitchii:—This in common with other species of the Screw Pine requires a stove temperature, and therefore the night temperature attended during winter should be 60 degrees, and in summer 70 degrees, rising 10 degrees or more during the day from sun heat. Use a loamy, rather than a peaty compost, and provide each pot with efficient drainage, as Pandanus requires considerable quantities of water, and it is essential the water should filter quickly through the soil. Good color is encouraged by affording the plants some shade, in the absence of which the white portions of the leaves become pale green or faint yellow color. The plants should now be given less exciting treatment than they will need in spring, with the decreased temperature less water should be afforded, and the atmosphere may be kept less moist.

Tacsonia Failing to Blossom:—These plants flower on the stronger of the annual growths, and the better practice is to cut out some of the older parts of the vine, laying in an equal or greater number of strong young growth, tipping them to induce laterals to push. All other shoots of one year's growth should be spurred in to an inch in length. Do not let the plants form a tangle of shoots, but thin them a little, and let the finer ones hang free from each other. The border or tub in which the plant is grown should contain plenty of nutriment, and the present is a suitable season to attend to this matter. Let the drainage material be efficient, but not excessive in amount; make the soil fairly firm, and in the height of the season afford mild manure-water or manurial dressings occasionally, but do not afford this sort of assistance after July, or the growth will be extended to too late a date, and will not ripen sufficiently to flower satisfactorily. Do not afford shade to the plant at any time, and let it occupy a sunny situation. The plant never burns.

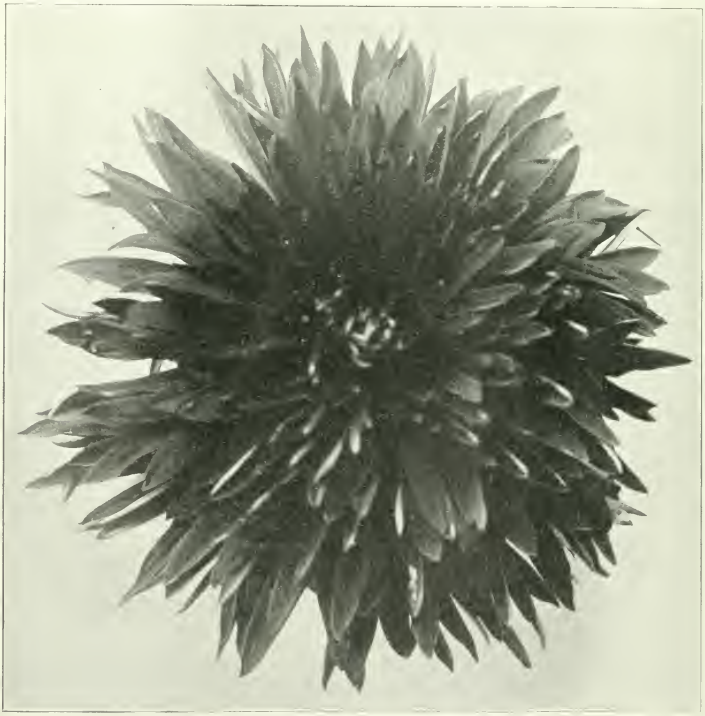
International Congress of Rose Growers:—The Journal of the National Horticultural Society of France, in its number for October, has a full report of the proceedings of the Congress on April 14 last. Amongst the interesting papers read on that occasion was one by Mr. Guillot on the classification of Roses for garden purposes. For this purpose, M. Guillot establishes seven groups among hybrid perpetuals, viz., 1 group, illustrated by Charles Lefebvre, bright red carmine; 2, General Jacqueminot, brilliant red; 3, Jules Margottin, cherry-red; 4, La Reine, lilac-rose; 5, Souvenir de la Reine d'Angleterre, brilliant rose; 6, Triomphe de l'Exposition, red crimson; 7, Victor Verdier, carmine-rose; 8, Geant des Batailles, fiery red; 9, Madame Laffay, deep rose; 10, Madame Recamier, flowers white, flushed with rose. Each of these groups is distinguished by characteristic features, which are given at length, and a list of varieties belonging to each is also given.

The Gardeners' Magazine.

Begonia Moonlight:—This beautiful begonia is by no means new. It is, however, a very scarce plant in cultivation, though now it has been proved amenable to the same treatment as secures success with the charming Begonia Gloire de Lorraine it is highly probable its cultivation will be extended. Begonia Moonlight was raised by the late Colonel Trevor Clarke, who was a great hybridist, by crossing B. Dreggei with B. Pearcei, the latter one of the forerunners of tuberous begonias.

Malcolm Lamond

THE RED CHRYSANTHEMUM THAT DOES NOT BURN.



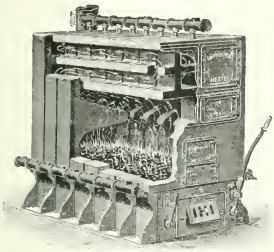
It grows 2½ feet high and is perfectly self-supporting; beautiful foliage, a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's Certificate and was awarded 91 points by the Philadelphia committee.

Price 35c each; $3.50 per doz.; $25.00 per 100.

JAMES NIVEN,

Thermal Vale Nursery, OAKLAND, CAL.

Greenhouse Heating and Ventilating



.....ESTABLISHED 1859.....

We would call your attention to the following letter:

KEAP STREET GREENHOUSES,

Brooklyn, New York, March 23, 1900.

Messrs. Thos W Weathered's Sons,
Nos. 46 and 48 Marion Street, New York City

Gentlemen:—I purchased from you last September one of your Sectional Hot Water Boilers for my Greenhouse at Flatbush, and was so well pleased with the results that I bought another one for my Keap Street Greenhouses, taking out another make.

Anything I might say would not be too high praise for your boilers.

It works perfectly, and I am pleased to say that so far I have saved in coal one half the cost of the boiler. They will therefore pay for themselves in another year, a result which I consider remarkable. I will be pleased to reply to anyone desiring the actual proof of above.

Yours very truly,
Signed, JOHN SCOTT.

P. S.—Kindly book my order for another boiler. I will let you know later when to deliver it.
J. S.

Winners of the Highest Award

at the World's Fair; the Dean Gold Medal, Madison Square Garden, for best Amateur Greenhouse; Certificate of Merit, Society American Florists, and the Silver Medal for 1898 of the New York Florists' Club.

HORTICULTURAL ARCHITECTS and BUILDERS

Conservatories, Greenhouses, etc.

Erected complete of our Patent Iron Frame Construction, or of Wood and Iron combined, or of Wood alone. **Hot Bed Sash Frames, etc.**

Send 4 cents postage for Illustrated Catalogue

CONICAL BOILERS, seven sizes, and SELF-FEEDING BOILERS FOR SMALL CONSERVATORIES

THOS. W. WEATHERED'S SONS,

Office: 46 and 48 Marion Street, (Near Elm St.) **NEW YORK.**

FLOWERS OF OUR STATES.

The discussion anent our national flower is still an open one, some contending for the violet, some for the golden rod. Many states, however, have adopted special flowers for their own, as follows:

California, California poppy; Colorado, columbine; Delaware, peach blossom; Idaho, syringa; Indiana, corn; Iowa, wild rose; Maine, pine cone and tassel; Michigan, apple blossom; Minnesota, cypripedium or moccasin flower; Montana, bitterroot; Nebraska, golden rod; Nevada, sunflower; New York, rose; North Dakota, golden rod; Oklahoma, mistletoe; Oregon, golden rod; Rhode Island, violet; Utah, sego lily; Vermont, red clover; Washington, rhododendron; Alabama, golden rod; West Virginia, inclines to the rhododendron.

In other states the sentiment appears to be favorable to flowers as follows: Illinois, rose, violet and golden rod, in the order named; Massachusetts, columbine; Ohio, golden rod; Tennessee, golden rod. Michigan adopted the apple blossom by vote of the legislature. New York, in addition to choosing the rose as the state flower, has selected the maple as the state tree.

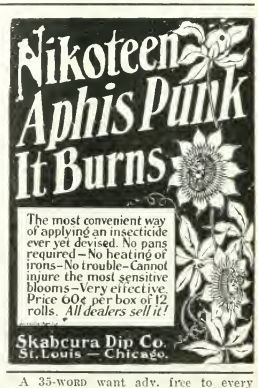
No final steps have yet been taken for the adoption of a national flower. An effort was made in 1896 by the National Floral Congress, called together by the Governor of North Carolina, to agree upon a flower, but as many states were unrepresented nothing came of it, and it is now suggested that another national convention shall be called. Inasmuch as many nations have floral emblems the United States should have one, but even if a national convention could agree upon one, it is doubtful whether Congress would find time to consider a memorial which would carry with it neither political advantage nor an appropriation.

You would find a copy of the Florists' Manual, by Wm. Scott, especially valuable during the next few months. It tells you all about handling bedding plants to the best advantage at the least expense. The book will save you many times its cost during that period.

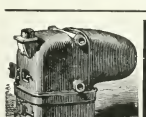
If you need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of one cent a word.

We wish to call your attention to the value in our Florists' Manual as recognized by many readers. See their letters that have appeared from time to time in the Review.

If you want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of one cent a word.



A 35-word want adv. free to every subscriber.



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GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

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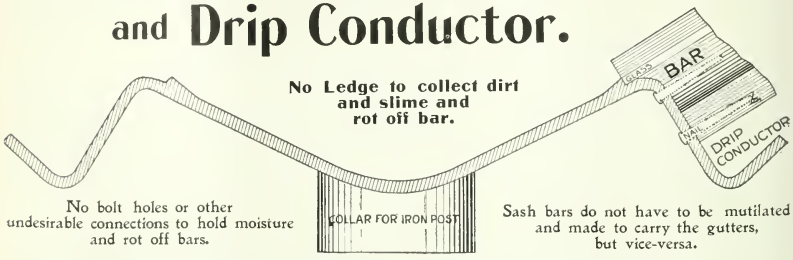
The Original Garland Valley Gutter and Drip Conductor.



The Gutter is the Foundation of the House. SEE OUR ADV. IN NEXT WEEK'S ISSUE.

GEO. M. GARLAND, DES PLAINES, ILL.

CATALOGUES RECEIVED.

Wilks Mfg. Co., water heaters, steam generators and steel tanks; Geo. M. Carter, Evergreen, Ala., decorative evergreens; Phoenix Nursery Co., Bloomington, Ill., price list of trees, plants, shrubs, bedding plants, etc.; H. Weber & Sons, Oakland, Md., wholesale price list of carnations and chrysanthemums; Thomas Meehan & Sons, Germantown, Pa., list of trees, plants, shrubs, etc.; E. Hippard, Youngstown, O., standard ventilating machines and standard metal gutters; W. E. Hall, Clyde, Ohio, wholesale price list of carnations and geraniums; D. M. Andrews, Boulder, Colo., hardy cacti and Colorado shrubs and plants; Samuel C. Moon, Morrisville, Pa., wholesale price list of trees, shrubs and plants; Geo. F. Wheeler, Concord, Mass.; catalogue of small fruits and plants, also fruit and ornamental trees; J. P. Gordon, Ashland, Va., catalogue of roses and other bedding plants; C. C. Nash, Three Rivers, Mich., price list of small fruit plants; F. Lademann, 3041 Baker St., San Francisco, Cal., catalogue of choice and rare trees, shrubs and plants.

CAN'T DO WITHOUT IT.

I do not see how it is possible for any florist in this country to be without the Florists' Review, and that beautiful book, the Florists' Manual. It is worth its weight in gold. August F. Beyer.

South Bend, Ind.

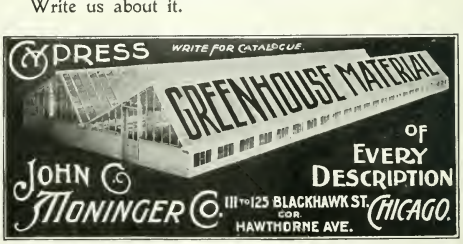
QUICK RESULTS.

I received an order from my adv. in your paper twelve hours before I received the paper. How is that for quickness? Thos. Chapman.

Denver, Colo.

Bridgeport, Conn. — The florists of this city met recently and entered into an agreement to close at 6:30 p. m. each day in the week except Saturday, and to keep closed on Sunday except for the delivery of orders previously taken. On the holidays of most importance to the trade the stores will remain open until 1 p. m.

Life is too short to be eternally rebuilding.
It's not only expensive but tiresome.
You can use your time and money to better advantage.
Build right. Use Cypress. The right kind of Cypress. The open-air dried Cypress. The Cypress that we select with the greatest care for our Greenhouse Material.
We can supply any kind of Greenhouse Material of the right kind of Cypress. It pays to pay for quality. Write us about it.



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HORTICULTURAL ARCHITECTS AND BUILDERS,
STEAM AND HOT WATER HEATING ENGINEERS,
GREENHOUSE MATERIAL OF EVERY DESCRIPTION.
42 DEY STREET, NEW YORK.

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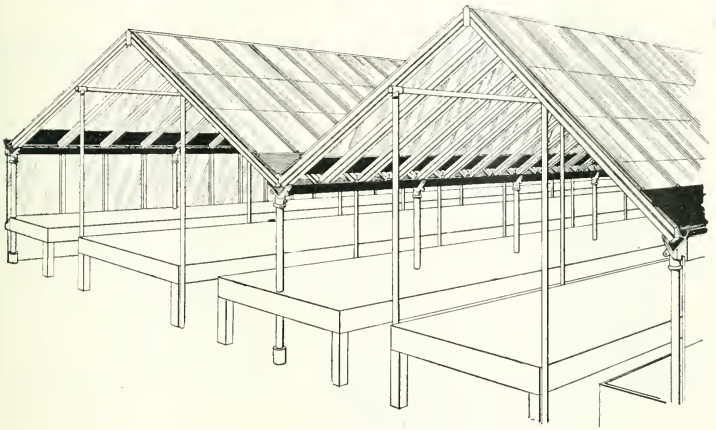
ADAM SCHILLO,
DEALER IN ALL KINDS OF **Lumber and Posts**
ESPECIALLY FOR
GREENHOUSES...

Having had an extensive experience in the line of Lumber and Posts needed for greenhouse work, I am prepared to meet all inquiries. Send for prices.

Cor. Weed and Hawthorne Ave., CHICAGO, ILL. Telephone North 226.
☞ References given from the leading florists of Cook County.

Mention THE REVIEW when you write.

The Duplex Standard Metal Gutters



A Common Sense Gutter in all its details. Built of the best and strongest material manufactured. The best combination for strength, durability and neatness that wood and iron can complete. No drip from either underside of the gutter or any part of the house. Only 8 inches of shade. No sash bars are butted against the gutter, thus retaining the moisture and causing early decay. No ledges to retain water. No wires to hold the sash bars against the gutter. Only 5 joints in 100 foot length. Only 16 posts in same length. Will last a life-time. Ask your leading architects and they will tell you the same.

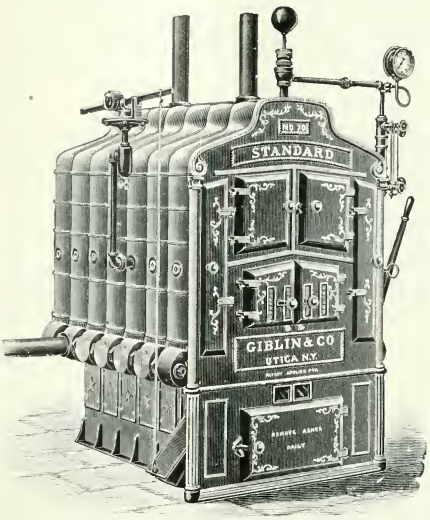
The Standard Ventilating Machinery.

They are made to fill all wants for Greenhouses, Factories, Foundries, etc. In sectional or solid posts, with slow and rapid motion. All fitted in the best workmanship order. No accidents. Always reliable and warranted for 10 years. Will last a life-time. Made mostly of malleable iron.

SEND FOR CATALOGUE OF GUTTERS, VENTILATING MACHINERY, AND THE BEST MALLEABLE IRON HINGES MADE.

E. HIPPARD, Youngstown, Ohio.

PEACE OF MIND



is not generally included in the cost of the heating apparatus, yet every florist knows how valuable it is to him to have an apparatus that he can arrange

IN THE EVENING

and know it will carry with a certainty the proper temperature until morning. This is

ONE OF THE FEATURES

of our boilers, as is fully

EXPLAINED BY THE

following letter:

W. D. Snell, Newville, Herkimer Co., N. Y., Jan. 2d, 1901, says:

"I wish to express my thorough satisfaction with the No. 70 Standard Sectional steam boiler which I placed in my greenhouses early in December last year. I have three houses, 20x65, located side by side, with glass in roofs and gables. The houses are built of glass and wood, and contain in all about 5,000 square feet of glass surface. I have in use about 2,000 feet one-inch pipe or about 700 square feet of radiation. I carry a temperature of about 50 degrees at night, but have had no difficulty in getting any higher temperature desired. I find that the boiler will run ten hours without attention. I attend to it about nine o'clock at night and it will run with no further attention until seven o'clock in the morning. The draft I have is not a good one, yet notwithstanding this objection, I have no difficulty in getting the fire up and getting as much steam as I desire.

"I can thoroughly reccommend the boiler and will be glad to have you refer to me anyone that wants further information".

Send for our Greenhouse Catalog.

We can name price delivered at any railroad station in the United States, and special price is given where our boilers are not used.

GIBLIN & CO., UTICA, N. Y.

Mention The Review when you write.

OMAHA.

Trade Conditions.

Trade has kept up very nicely during the season of Lent, although funeral work was the cause of this to a large extent. The demand from the mourners, at times, caused quite a shortage in stock of all kinds.

Prospects are bright for a bountiful stock for Easter. Even though all the Harrisiis and Longiflorums will not be in, the supply will be larger than last year and of better quality.

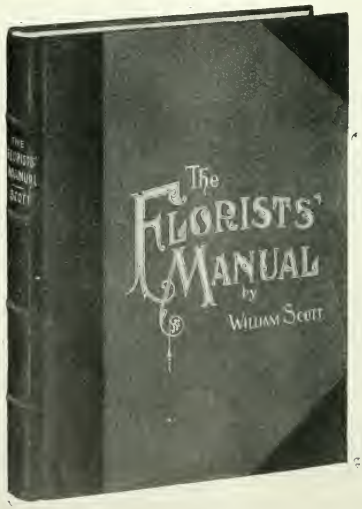
Prices have changed very little during the past two or three weeks, carnations dropping only a trifle. There is a great shortage of good ferns and hardly any smilax. J. B.

One of the New York papers in reporting the rose show last week devoted over half of its report to a description of the costumes worn by the fashionable women in attendance. Evidently the costumes were more interesting than the roses to this reporter.

Los Angeles, Cal.—The Park Board has appointed a committee to design a floral float for the parade during the feast of flowers in May.

Liberty, Mo.—Paul Stark reports that trade is improving and that calls for funeral flowers have exceeded those of any former years. He will have more glass this year to supply home demand.

You can save time and money by making use of our classified advs.



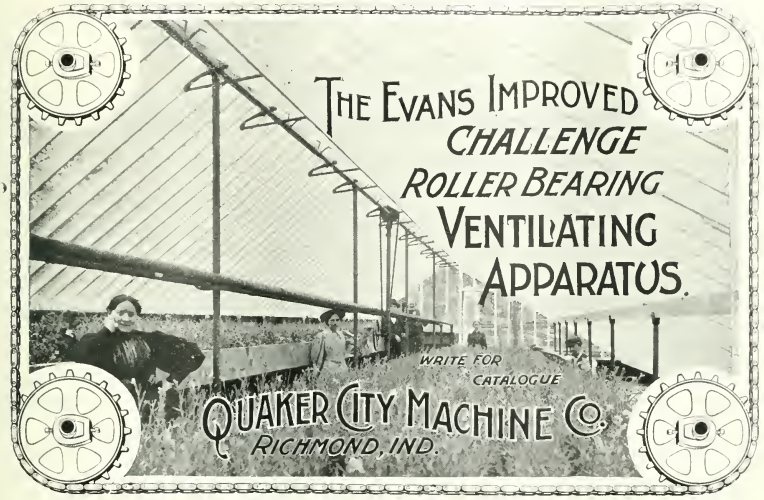
IF YOU WANT

a copy of this book and cannot spare the full price ($5.00) at once, write us for our monthly payment offer.

FLORISTS' PUB. CO.

Caxton Bldg., CHICAGO.

THE BEST IS THE CHEAPEST.



THIS IS THE BEST.

Mention The Review when you write.

For Easter.

When you are crowded for room use Krick's Perfect Flower Pot Handle and Hanger to hang up your plants for display and decorations. Is also used for lifting plants out of Jardinierres, etc.

No. 1 will fit from 2 to 5 inch pots, per dozen, 30c. No. 2 will fit from 5 to 8 inch pots, per dozen, 40c. No. 3 will fit from 8 to 12 inch pots, per dozen, 50c. Postage 10c extra per dozen. Sample pair 10c postpaid.

Krick's Violet Foil

Price, 30c per lb. Samples free.

W. C. KRICK, 1287 Broadway, Brooklyn, N. Y.

For Sale by all Florists' Supply Dealers.

Mention THE REVIEW when you write.

Pure Sheep Manure.

In natural state, **$1.00** per ton in carload lots F. O. B. cars.
Write for prices for Dried and Pulverized.

MONTANA FERTILIZER CO.,
ELGIN, ILL.

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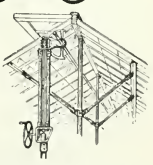
See That Ledge,
Pat. Sept. 18, 1900.

THE **JENNINGS** IMPROVED
IRON GUTTER.

ESTIMATES FURNISHED ON
CYPRESS GREENHOUSE MATERIAL
WITH OR WITHOUT OUR
Patent Iron Gutters and Plates.
NO THREADS TO CUT FOR OUR
Patent Iron Bench Fittings and Roof Supports.
VENTILATING APPARATUS.



Send four cents in stamps for our circulars and catalogue.

JENNINGS BROS., OLNEY, PHILA., PA.

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Greenhouse Material.

CALIFORNIA RED CEDAR and LOUISIANA CYPRESS.

Our unexcelled grades, thorough experience and accommodating dealings are appreciated by the trade, as the steadily increasing number of our customers prove.

A. DIETSCH & CO., 615 to 621 Sheffield Ave., **Chicago.**

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HENRY W. GIBBONS COMPANY
INCORPORATED.
GREENHOUSE ARCHITECTS AND BUILDERS
AND MANUFACTURERS OF
Gulf Cypress Structural Materials.
IRON FRAMES FOR GREENHOUSES.
STEAM AND HOT WATER HEATING AND VENTILATING MATERIALS.
Sales Offices: 136 Liberty St., NEW YORK. Manufactory: General Office, BLOOMSBURG, PA.
WRITE TO NEW YORK OFFICE FOR ESTIMATES, CATALOGUES, PLANS, EXPERT ADVICE, ETC.
HENRY W. GIBBONS, President, NEW YORK. J. L. DILLON, Treasurer, BLOOMSBURG, PA.

ELMIRA, N. Y.

At the monthly meeting of the Elmira Horticultural Society held March 12 there was a fine display of carnations contributed by the Chicago Carnation Co., Joliet, Ill.; Dana R. Herron, Olean, N. Y.; John B. Rudy and E. M. & H. N. Hoffman, this city.

The newly elected president, Prof. J. W. Roberts, delivered a very interesting address. He announced that various valuable special prizes had been contributed to be competed for at the exhibitions of the society and outlined plans for increasing the society's usefulness.

The program included a paper on perennials by Flora Swift, one on sweet peas by Eugene Lewis, and one on the vegetable garden by J. E. Anthony.

Mr. Rudy exhibited a number of fine new geraniums.

FAIR SIZED.

"No," said the retired showman, "I won't say that we had the biggest giant that ever happened, but it is a solemn fact what I am going to tell you. The giant had a penchance, or whatever you call it, for trying new styles of whiskers."

"M-hm."

"Well, when he wanted a new style laid out he had to send for a landscape gardener."—Indianapolis Press.

INDIANAPOLIS, IND.

The regular monthly meeting of the Florists' Association of Indiana will be held in room 300, Denison hotel, April 2, at 8 p. m. Besides the regular business, preliminary work will be taken up regarding the convention of the American Carnation Society, to be held here next February.

GOOD RETURNS.

We have been very well pleased with the advs. we have had in the Review as they have given us good returns.—Robert Mann, Lansing, Mich.

Waukegan, Ill.—Theo. Meyer, of the Marion Street Greenhouses, will add three new houses, one 50x120, another 26x80 and the third 10x80. This will give him a total of 10,000 square feet of glass.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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Sample Pot and Price List on application.
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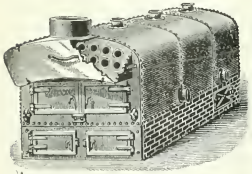

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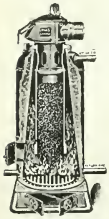

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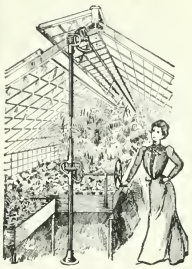

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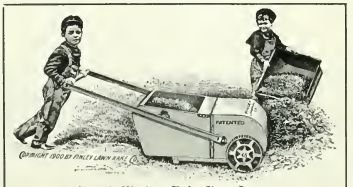
will never look smooth and "velvety," the rank crab-grass will never be straightened up so it can be cut off, and the grass will never grow so thickly until he invests in that modern lawn beautifier known as a
Finley Rotary Lawn Rake.



Papa! We Can Rake Your Lawn.

It only came out last season, and from gardeners, parkmen and others an avalanche of testimonials has came to us, all of them saying in substance,
"This is the greatest invention of modern times in its line. We couldn't do without it."
A child can push it. You need one if you have a lawn. It runs easy, is simple, strong and the only thing of its kind. We have a descriptive circular telling all about this Lawn Rake and containing testimonials from users in all parts of the country. We want you to have one and will mail it free for the asking.
14-inch, $10; 20-inch, $12; F. O. B. Joliet.
FINLEY LAWN RAKE CO., Joliet, Ill., U. S. A.

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No Ledge to accumulate dirt and rot off bars.

This Gutter will save money in cost of construction.
GEO. M. GARLAND, DES PLAINES, ILL.

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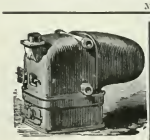

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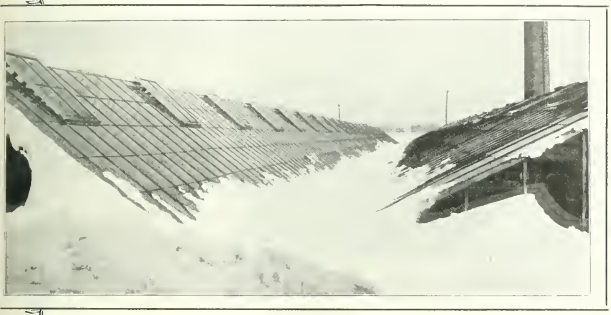
The Snow Question Again.

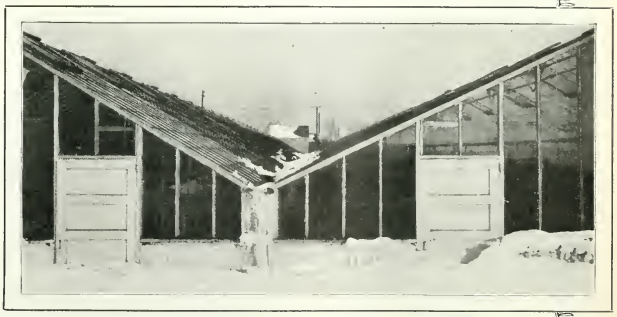
I recently published views of wooden gutter and Garland iron gutter houses at the establishment of Wietor Bros., Chicago, taken soon after the big snow storm.

Here are two from photographs taken a little later at the establishment of Peter Reinberg, Chicago.



This view shows how the snow lay in the valley between the wooden gutter houses.

This view shows what was left of the snow in the valley between the Garland Iron Gutter houses at the same time, the two photographs being taken within a few minutes of each other.



What makes this difference? It is simply because iron is a better conductor of heat than wood. The iron gutters absorb the heat from the inside of the house and this starts the melting of the snow at the gutter instead of at the ridge, and starts it at once. Wood does'nt absorb enough to have any appreciable effect.

For further information about the Garland Iron Gutter and Iron Post Construction address

Geo. M. Garland, Des Plaines, Ill.

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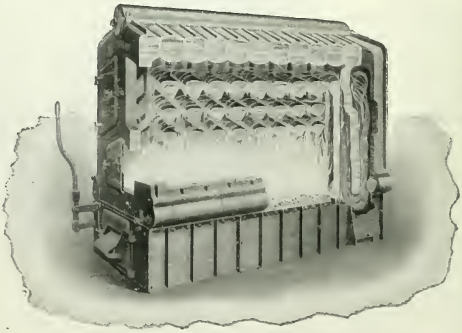

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Vol. VII. CHICAGO, APRIL 4, 1901. No. 175.

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9 to 11-in	1.10	7.50
11 to 13-in	2.50	15.00
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LILIUM AURATUM, 7 to 9-inch size	4.50	40.00
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Extra strong stocky plants, from 2½-inch pots, **$5.00** per 100.

From 3½-inch pots, **$8.00** per 100.

The 2½-inch pot plants are last year's propagation and are sure to give satisfaction.

The larger plants are field-grown clumps which have been dormant most of the winter, but are now in very active growth, with 8-10 ends.

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Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Latanias, 5-in. pots, 1 plant to pot, $15.00 per doz. Latanias, 3 in. pots, 1 plant to pot, $10.00 per doz. Latanias, 3 in. pots, 3 and 4 plants to pot, 2½ to 3 feet height and diameter, 12 to 14 leaves, $24.00 per dozen. Kentia, 6-in. pots, 1 plant to pot, 3½ ft. in height, $18.00, per doz. Areca, 5-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $4.00 per plant.

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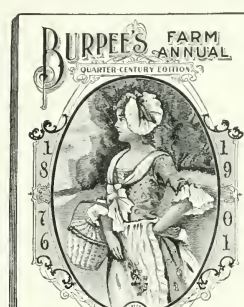

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Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell some Holly.

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From bench, ready for 6-inch pots.
Price $15.00 per 100. The lot for $25.00.
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Geo. E. Buxton, Nashua, N. H.

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THE RETAIL FLORIST.....

Easter.

Easter comes but once a year; make the best of it. No use to get worried; smiles pay better than scowls. A good, conscientious plantsman to care for your stock is a very valuable personage; get one from your grower if you have none. Whatever you do hide nervous excitement. Stop and think and look over the situation once in a while. A little planning may avoid much trouble. If there is no time to get out to eat see that food is brought in, and on time, too; a hungry stomach usually produces an unpleasant face and the few moments required to obviate all this is time well spent.

A florist's store at Easter should be like a battleship going into action, the deck cleared of all useless stuff. Be sure to have the right people in the right place; have pads and plenty of pencils always handy. Avoid creating an impression on anyone that they are being overcharged, for such is often fatal to business. Remember you are in the business 365 days a year, and that your customers' continuous trade is necessary to keep you up. Therefore, don't try to squeeze all your year into one week. The easy-going customer, or in vulgar parlance, the "sucker," whom many gloat in "soaking," may wake up some day and prove how easy it is to lose a good patron and how foolish it is to imitate the hog.

A good shipping clerk in busy times is worth his weight in substantial appreciation. Boys will be boys and are not men; remember that when loading them up with packages for delivery. Don't be satisfied and feel entirely relieved of responsibility when you see a plant, basket, or box leave your store; make provisions for and assure yourself that it reaches its destination in good condition. A plant delivered in a broken or otherwise dilapidated state is a mute but forcible example of your incompetency or carelessness. Temporary help, who know not plants, are seldom blamable—it is the employer.

Better to have plants delivered on Saturday night than on Easter Sunday afternoon or night. Easter presents delivered after noon on Sunday have lost considerable value from a sentimental point of view. "Far away" deliveries deserve the same consideration as those near by, and the same principle applies to small and large purchases. The dollar customer to-day may be a ten dollar customer to-morrow. Many florists forget this.

A few moments devoted to the tying up of plants, especially azaleas, lilies, etc., when ready for delivery may make it unnecessary for you to replace them or try to appease and explain to two angry people, the purchaser and the recipient. Unless pinched for room, and even then, don't crowd all your stock together. Great masses of color may be very effective to the general eye, but the purchasing eye—the eye you are anxious for—cares not for the massive group; it seeks individual beauty and worth, therefore, have your specialties elevated singled out; make them prominently attractive. Many a good plant remains unpurchased because its beauty is hidden.

First come, first served, may be a good practice in some cases, but not in all. Good customers who are unavoidably late in coming to buy appreciate a reservation of stock you may think will suit them, and invariably the selection if good is satisfactory. It is bad policy to create the impression on any mind that the best stock is sold; there are too many florists these days to justify any one momentary gulp of satisfaction in pointing to the best stock going to Mrs. Soand-So. If you sell a handsome basket try to duplicate it at once. If you cannot and some of your customers are unreasonably jealous (and many such there are) put the basket or plant out of their range of vision.

Making Stock Attractive.

It is too late now to doubt the wisdom of your purchases. Do the best you can to dispose of your stock at a fair profit. Quality, of course, is at all times most desirable, but inferior goods may often be made to exceed in beauty. In other words, quality of art can always outshine quality of material. A good plant or flower may sell itself; the poor ones need assistance. Almost anything in fair condition has a chance to be sold this Easter; it depends on the manner of presentation. Styles there are to be sure a plenty, you can manufacture some yourself. Made-up baskets of plants will be the leading and most profitable offering in the principal New York stores, and for these mostly anything is suitable. We'll give our own and other people's creations in very brief description, for time is valuable to all just now.

In the first place, people accustomed to growing plants generally prefer to see them in plain, clean pots. The expressed desire to have plants delivered so is yearly increasing among the most sensible; of course the growers don't bother cleaning the pots; you should, though, and often a soft, water-soaked common red brick rubbed on the pots will give them a good brightened up color. Ordinary plant pots and saucers covered with enamel paint in good colors, such as foliage green, white, genista yellow or cherry red have been and will continue to be very popular; they are cheap and add much to the effectiveness of any plant, providing of course the color is appropriate to the flower. White and yellow seldom fight, but the reds and pinks are often troublesome.

The general run of large plants will be put in basket pot covers, and foliage green or white is the best. Often plants such as Crimson Ramblers, etc., which carry all their flowers on top, are made more festive, we mean attractive, by a short bow or two of broad ribbon half way down the plant, but again look out for war in colors. Plenty of ribbons are being used this Easter, but they are being used more sensibly. They no longer choke or cover the flowers, but are attached to the stem or foliage only to cover defects, or add emphasis to the beauty or color of the flower.

The ribbons are broader this year, are of one self color, and the tones are softer and more beautiful than ever. Taffetas and satin finished Libertics are the greatest favorites. We have found one brand of ribbon in New York that we think the best of all for florists' fine work. Speaking of ribbons and baskets, they come mighty high; one needs be careful in selection and extent; a large stock of such material is essential in some stores, but many can dispense with them.

The tendency this year is for the larger and better plants. The average lily in a pot is too small; many of them have been put three, six, nine and even twelve in a pot or tub and they sell quickly. The tubs can be painted green, white or yellow, the bands a different color, and often a broad sash of light blue ribbon is preferable to white, tied half way up the stems.

The best and newest things we have seen this season are the gaudy colored Porto Rican Carnival hats. So far they have not been used by the florist, but could be made a great feature when filled lightly with flowers and tied with band and hanging bow of bright colored soft ribbon. The hats would be prized as favors even more than a basket, because they are fantastic and novel. They are very large, of many colors, and the edges are rough and unfinished, giving them a very odd appearance. These hats are destined to form a principal feature at many affairs during the summer.

The Porto Rican matting we made mention of in previous notes is used instead of crepe paper in the leading stores. It is more expensive, of course, but is richer and more artistic. Very fine effects can be obtained by ruffling or unweaving the edges from four to six inches. It does not become soggy from a little water and does not crumple up in a woebegone manner like paper does. We are using it with contrasting ribbons of which the following are a few:

Color Combinations.

The matting is arranged to hide bareness of stem as well as to cover pot. Suppose you trim a lilac, white or green mat; tie round with broad bow of white or lavender ribbon; if white lilac, blue or light pink ribbon is best. With deep pink azaleas use white mat and white ribbon; the same on light pink unless you can match the flower with ribbon, then use green mat. With white azalea use white mat with pink or blue ribbon. A soft yellow will go well with bougainvillea, dark green around the violet, primroses, genistas, acacias and cricas, with same colored ribbon or one to match flower. Scotch plaid effects can be got for the ericas, but there's a little jealousy left among the clans and these ericas are not Scotch anyhow. That flat of roses or bulbs would look better if the box were painted green. No time to do it now, so we put green mat around—just enough to hide box and soil, and tie with bright harmonizing color ribbon. Where the flowers are light it is safer to use a darker ribbon; where the flowers are dark, a lighter ribbon.

The half open hamper basket is a winner this time; with zinc lining it is fine,

but needn't bother if you have none; line inside of basket with stout paper, fill in with gray moss, pick out assortment of small green and flowering plants that will just peep over the lid and sides when planted in sideways. We tie a broad ribbon around the body of the hamper and arrange a couple of small Farleyense to hang half way over this ribbon. The effect is fine with yellow, white, pink or any soft color. Be careful of the flowering plant you put near the ribbon; it may be azalea, erica, small rose or bulb, but must be choice. We arranged some hampers last Christmas and they were considered by experts the best things in the city; there is a general adoption of them this Easter and they bring big prices. Use all the variety you can and fill in with small ferns; need not take anything out of pots unless basket is very small; keep roots and moss damp.

You florists out west have concentrated too much attention on cut flowers. Plants deserve attention. Here we have a large variety of good, well grown stock to select from and the results are what you too should know. Low baskets of primroses, pansies, violets, forgetmenots, bulbs, etc., sell well. Needn't bother about fancy baskets; we prefer the butcher and grocery baskets seen at the markets, only they should be painted green; this can be done if attended to in time.

Don't crowd your best stock in the window; put a few made-up plants or baskets in it, and have the good things right under the people's noses.

Good luck to all. IVERA.

A CHRYSANTHEMUM STORY.

We present herewith a series of five engravings from photographs kindly sent us by Mr. John B. Rudy, gardener to Hon. J. S. Fassett, Elmira, N. Y., showing the progress of a bench of chrysanthemums during the past season. It is certainly an interesting record, especially in view of the fact that from this bench Mr. Rudy cut splendid blooms with 6-foot stems with which at the last fall show in his city he captured seven first premiums out of seven entries against keen competition.

Referring to the pictures, Mr. Rudy writes: "The plants were benched June 10, somewhat later than in former seasons. They were planted about ten inches apart each way, in well rotted sod. The house is an iron frame one, running east and west, and there are roses and other stock in the same house. We never shade the chrysanthemums, and aim to give them the benefit of all the sun at all times in the growing as well as the flowering season."

No. 1. Photographed June 17.

them started to grow when planted out. I plant them in three different places in the garden to make sure I get them in one place if not another.

I plant in a row running east and west on the north side of a row of cannas or some tall growing plants. I find this gives them enough shade in the hottest part of the day. I have planted a bed for the last few years alongside of a row of locust trees running north and south, on the west side, but each time they have become diseased. The soil is very sandy, so I find it necessary to give them a heavy mulching. I find that half rotted leaves are good for this purpose, as they retain the moisture in the soil for a long time and violets like the earth cool and moist; this I find a most important thing to get good strong plants.

I believe in keeping the runners pulled off, and if the plants spread too much and make too many crowns to pinch them off, as I get better results from plants with one or two crowns than with four or five. I may not get as many blooms but I get larger and stiffer stems. If there should come a long dry spell of weather I give them a good watering, enough to saturate the earth around them. I have grown them in the house and frames all summer, but this I do not approve of. I find that in growing them out in the summer I can make the beds rich enough inside to run the plants over winter without applying any manure, which I find is the best, as I believe a great deal of harm is done by using artificial manures in the winter.

No. 2. Photographed July 17.

A Chrysanthemum Story.

VIOLETS.

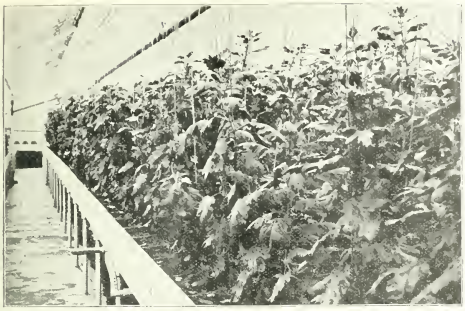
By Joseph Bradley.

[Read before the Tarrytown Horticultural Society, March 28.]

The way I grow violets: I take cuttings in February or first week in March from plants grown in a cold frame, with just enough protection from the cold to keep them alive; in so doing I get stronger plants. I start the cuttings in half sand and half leaf mold and find they root quicker and make more roots than when grown in all sand. They are left in the violet house until planted out; by that time they have good, long roots, and there is no trouble to get

I use the soil I take out of the rose house. I make it about six inches deep, spread a good coat of rotted cow manure on top, then spread over this a good coat of air-slaked lime and mix the whole well together. When I have not enough of this I take two-thirds good garden soil to one-third of leaf mold, with the same treatment of manure and lime as above. I have used new soil the same as for roses, but I cannot get as good results from it.

I plant inside in September and like them to get a good hold of the fresh soil before the growing season closes, but



No. 3. Photographed August 19.

am careful to keep the house open as long as possible and allow them to have the first few light frosts, as it stiffens them and makes them hardy. I do not turn on the heat until I am forced to. I try to keep it about 42 degrees, with the ventilators a little open. I would rather have it at the freezing point than 50 degrees. I keep them well watered and syringe them on bright mornings, but never in the evening.

I find it very beneficial to keep the surface of the soil stirred between the plants; this I do with an old chisel. I give them two or three sprinklings of air-slaked lime and work it in with the chisel and hands; this keeps the earth sweet and there is nothing so detrimental to violets as the earth becoming sour.

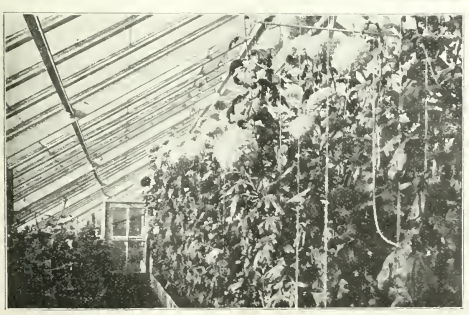
There are two varieties of insects which damage the plants if not kept in check. One is a small green worm or caterpillar, which lodges on the under side of the leaves and eats them full of holes. I use slugshot for these put on with a small blower. Then there is the larva of a gallfly. This gets on the young leaves as they come up from the crown and causes them to curl and rot off. I use Ivory soap for these; one small cake dissolved in five gallons of water and put on either with the syringe or watering pot. This also keeps down red spider.

The eel worm is very destructive, and I used to be troubled with it until I used plenty of lime. I believe violets like the lime, and there seems to be no fear of using too much. There are two or three forms of disease. One is commonly called the "Spot," which causes the most trouble. This, in my opinion, comes from too much dampness on the foliage, coupled with a warm, muggy atmosphere. I have had the spot for the last three years, and each time have succeeded in getting clear of it by simply placing the plants in the frame and greenhouse and placing the sash over them to keep the drip off them and keep a lively circulation of air through them. For those in the frame I drive a row of stakes at each end of the sash, leaving them fifteen inches above the frame, then nail a strip on top of them and then lay on the sash. For those in the house I can lift up the sash from the bottom, which I do, thus getting a good circulation of air, and here I would say, never leave them closed one hour that you can have them open. When a few dull days come in winter and the frames have been kept closed I have seen specks of disease come on them.

There is another form of disease which causes a brown rim around the leaf. This I think comes from the roots and may be caused by the soil becoming stagnant and sour, or it may be caused by artificial manure or by the eel worm, and I find when once it comes it is very hard to get rid of. I give them a good coating of air-slaked lime, and work it in as deeply as possible without cutting the roots; this helps them somewhat, if not too bad.

Then there is what is commonly called the heart rot. This again is caused by too close an atmosphere, and this is one of the reasons I prefer a medium-sized plant to a large one; the foliage is not dense and it allows the crowns more air and keeps them dry. I have been more troubled with this last-named disease, if it may be called a disease, than with both the others, and I believe this is on

No. 4. Photographed October 16.



No. 5. Photographed November 11.

A Chrysanthemum Story.

account of so much warm, muggy weather so late in the fall.

If you wish to keep them blooming as long as possible in the spring I find it necessary to shade the glass with lime the last week in February or the first week in March; it keeps them from sending up their young foliage and for those in the frames about the last week in March I lay the shutters on and tilt the sash from one side. By so doing I can keep good blooms on them from two to three weeks longer.

MISCELLANEOUS SEASONABLE HINTS.

Geraniums.

After the eventful days of this week there is still a great deal of important work to do, particularly with those who have been growing a lot of Easter stuff to be succeeded with bedding plants.

Our most important item is to get all the zonal geraniums shifted from a 3-inch to a 4-inch pot. We have to give them this size for our patrons want a good plant in flower. Don't ever put zonals into a rich, light soil or they will grow leafy and soft with a poor flower. Use heavy loam with a fifth or sixth of old rotten manure and see that they are potted firmly. I have many times urged this point but it is an important one. Firmness of the soil produces a stout, hard growth with a tendency to flower and that is what you want. You feel tempted to shade every house in the bright suns of April and May but we manage to get along till the end of May without any shading over the geraniums.

I have also often commented on the great benefit of plunging material between the pots. I cannot wholly account for the great benefit it is to all plants in pots on a bench in hot bright weather, for it is not any manurial quality that the plants receive. It is doubtless the uniform moisture that the roots enjoy, or rather the ill effects of the severe drying out which they escape, and that teaches us quite a little. Of all the material for this purpose nothing equals for cleanliness, easy handling or good results, the refuse hops. Even if your plunging reaches but half way up the pot it is of the greatest benefit. Now, this plunging of plants costs some labor but really scarcely a fraction of a cent on each plant, and it is well repaid in the size and vigor of the plant. This plan does not apply to geraniums alone but to all plants that should receive the full sun till bedding out time.

Hot-beds.

We still believe in the old-fashioned hot-beds and five or six weeks in a mild one will finish off many plants that no greenhouse can do. You do not want a great deep affair, such as the growers of lettuce and cucumbers make in March; eighteen inches of stable manure is enough with five or six inches of soil or sand for plunging material is all you want. Now, there are some plants that are not at all benefited by a hot-bed, or rather would make a rank growth which would unfit them for bedding. Among them the flowering geraniums, salvias, petunias, centaurea, nasturtiums, in fact anything that grows freely inside. But there are several of our bedding plants that don't grow freely inside and the hot-bed makes them jump. The alternantheras, lemon verbenas, variegated and scented geraniums, verbenas, small pots of mignonette, and a little later coleus and achyranthes and acalypha will do finely. There is a decided advantage in having the bedding coleus in a hot-bed, because by the middle of May you can lift off the sash on warm days and harden them off, which is an immense advantage when putting plants into the open ground.

Seedlings.

Soon after Easter your seedlings will be ready and by the middle of April the asters, phlox, dianthus and other so-called hardy annuals will do very well in a cold-frame.

Begonias.

We usually start tuberous rooted begonias for bedding about now. You do not want large plants of these for the flower gardens; they don't do so well when put out. The best beds of begonias I ever saw were started in a mild hot-bed as late as May the first. They had made little growth when put out on June the first, but grew finely and made the most brilliant bed, not eclipsed even by a geranium. We start them in flats of sandy soil on a warm bench and about May the first pot them into 4-inch pots, and then into a hot-bed in the full sun and ventilate on all possible occasions. To take a tuberous-rooted begonia out of a shaded house and expect it to do well out of doors in the broad sun and wind is not reasonable, but if grown right they do make a fine bed.

Poinsettias.

I believe these were very popular last winter and are now known by many of us as the Christmas flower. Supposing you have, or buy, any old canes, it is time now to start them growing. Don't cut them up into pieces three or four inches long as we used to. It is a slow method and they don't make as good plants. Just shake off all the soil and re-pot, at the same time cutting back the cane to sound wood. In a good warm house the eyes soon break and when the cuttings are a few inches long take them off just below a joint, but leave one eye of the new growth on the old cane because from that you will get another cutting. You can keep on propagating till next September. Cuttings root easily and surely in sand during the whole summer, but you must keep them soaked and shaded.

The earliest rooted cuttings sometimes make tall plants. Last year, with us, for some reason or other they grew up taller than was desirable. Those propagated in July and August often make the most useful and those propagated in September make the right plants for pans, in which shape now we find most of our customers prefer them. You must, however, get the old canes up and started or they will be starting themselves beneath the bench.

William Scott.

MILDEW ON ROSES.

What can we do to prevent mildew on roses? We have grown Jacqueminots for the last twenty years. With the first crop we have no mildew, but the tender growth of the second crop is generally badly affected. Maryland.

Mildew on roses under glass is easily kept in check, but it is very difficult, in fact, almost impossible, to keep outdoor grown roses clean in some localities. It is brought on by exposure to cold draughts when the plants are growing rapidly, by too much moisture over night, by sudden and extreme changes of temperature and by various other causes. I know of no way to prevent it other than to avoid these conditions as much as possible. The best remedy is sulphur, and if used in time will do much to keep it from spreading. M. Stauch.

SMILAX—ASPARAGUS—CARNATIONS.

What is the proper temperature for smilax, also for Asparagus plumosus and A. Sprengeri?

Which are considered best for carnations—solid beds or benches?

J. G. W.

The pages of the Review have many times contained my opinion of how to grow smilax. It can be grown in a night temperature of 55 degrees, but under these conditions it would not be profitable; 65 degrees at night is the right temperature to grow it profitably. Contrary to what might be expected, smilax grown in a high temperature is not by any means more liable to wilt than that grown in a cool temperature. With good management you should be able to get four crops in a year. To do that you must plant early in July and they should be strong young plants in 3-inch pots. A good heavy soil suits smilax as it does all the family.

Asparagus plumosus will grow very well in 60 degrees and so will Asparagus Sprengeri. Plumosus is always planted out. It does much better in a solid bed; and have no boards or planks between the earth and the bed. Let it be on the solid ground. Asparagus Sprengeri will do on a raised bench. In fact it is a better place than on a solid bed and can be very well grown in 7 or 8-inch pots or hanging baskets. Sprengeri is a great feeder and soon exhausts the soil you start with.

The question about carnations is rather a heavy one and quite a chapter could be written on it. Some growers are very successful with the solid benches. My own opinion from experience is that I would rather have them on raised benches in five inches of soil. When we see the good results that are obtained by the leading growers on benches why should we want anything better?

The Cape Jessamine.

The advantage in getting them in a solid bed would be that you could have the walls of brick and there would be no replenishing as is the case every three or four years with benches. And perhaps another advantage of the solid beds would be that when the hot suns of April and May come they would not need so much watering and as the roots would go deeper they would likely give larger and better flowers. Still for all that from October to April, and that is the time when we get big prices for flowers, they are easier managed and better results can be obtained on the raised benches, and that, I believe, is the best way to grow them.

William Scott.

THE JESSAMINES.

Among the southern grown flowers which are most widely known for their fragrance, beauty and shipping qualities are the Jessamines (Gardenia florida).

Of the Cape variety there are two kinds, known as the Capes and Grandifloras. They are very much alike, being pure white with rich, waxy green leaves. The Capes blossom almost all summer, but are much smaller both in buds and foliage than the Grandifloras, and seldom have the long straight stems of the latter. The season for the Grandiflora Jessamine is about the middle of May, and usually lasts three weeks.

Near Alvin, a little place in southern Texas, the Grandifloras were first found, and now they are cultivated in open fields. The shrubs reach a height of from six to eight feet, are evergreen, and during the blossoming season are covered with the pure white blossoms which perfume the air for miles around.

The buds have been shipped as far north as Canada and to every state in the Union. Pense Cook.

Alvin, Tex.

PHILADELPHIA.

The Market.

The cut flower market has been active since the last report. Business for this week opened with a rush on Monday, a very large number of floral offerings being sent to the members of new councils, in their chambers at city hall. The gifts were nearly all made up baskets of various kinds, creating an unusual demand for roses of the poorer grades. So numerous were the orders for this occasion that twelve florists' wagons were counted in front of the public buildings at one time, and the popular members were obliged to hire express wagons to carry their flowers home.

Prices rule about the same as last week, excepting that the second class roses advanced as noted above. The indications are that roses will advance little if any at Easter. Choice Beauties are expected to bring from $3 to $6 a dozen; Brides and Maids from $8 to $10 a hundred. Carnations will be in good supply, better it is thought than usual at Easter. Ordinary grades are quoted at from $3 to $4 a hundred, fancies at from $5 to $8 a hundred. Sweet peas, which are becoming more plentiful, will bring from $1.50 to $2 a hundred and can now be had in several colors. All greens are in brisk demand, especially asparagus.

Lilies are selling well and will probably be cleaned up, many being late and others poor; the ruling price is 12 cents per bud and flower whether cut or on the plant. Some fears have been felt as to whether azaleas will be in short supply. This seems unlikely, as at the close of last week, Aschmann, Bunting, Dreer and Meeky, all had large stocks on hand. The retailers can generally manage to make other plants go around if the lilies and azaleas hold out.

Various Items.

Most of the large retailers have secured a convenient annex, so to speak, wherein they can store plants sold till the time for delivery arrives or where they can display part of their stock. Some of the growers have taken stores and stands in the heart of the city just for a week. Charles Fox, Broad and Thompson Sts., received his lilies the end of last week, the plants all being in bud with no open flowers. This plan makes the transfer from the greenhouse to the store much less risky than when the flowers are open. Judgment must be used in selecting plants with buds that are far enough advanced to open in time without the aid of sunlight.

W. L. Edwards, of Norwood, Delaware Co., lost many of his carnations by stem rot last fall and was obliged to find a suitable substitute. He planted two houses in pansies, separate colors; the cut flowers have proved a paying crop.

There has been some inquiry for well grown geraniums in 6-inch pots. These should pay at from $3 to $4 a dozen. Here is an opening for some one next season.

Thomas Meehan & Sons have two houses of sweet peas that are beginning to bear well. They have Blanche Ferry, Emily Henderson and New Countess.

Hugh Graham as well as George Anderson will have Brunners at Easter.

Jacob Becker has some well grown Souvenir de Wootton in pots.

Friday night saw the close of a pretty Easter opening, held on three evenings last week by Samuel S. Pennock. Five growers were represented: Hugh Graham, of Logan; Hugh Walch, of Tioga; William K. Harris and Robert Craig & Son, of West Philadelphia; and Robert Scott & Son, of Sharon Hill. Each grower exhibited sample lilies, azaleas, hydrangeas, genistas, spireas and other plants in bloom on tables from which orders were taken. There were also exhibits of choice Beauties, Lawsons and other cut flowers to show that Mr. Pennock's consignors will keep up the high standard of quality at the coming great plant festival. The whole place, including the cold storage rooms, showed to advantage, being brightly lighted and full of people. The affair was successful from a business standpoint.

Charles Zimmer has been making a reputation as a grower of Princess of Wales violets this season. Color, stem and foliage are praised by critical buyers.

A Philadelphian who was at the "Hyphen" rose show says that all the growers took off their hats to Stephen Mortenson when they saw his vase of Liberty. It was not for competition, but so fine a display that great things were prophesied for this Southampton man in the near future.

Robert A. Stewart has his new store in running order for this month, which he considers the best of the twelve.

The rose growers are trying raffia for all tying, both stakes and plants. It is cheaper than string, but whether it is as quick and effective is a question.

A contemporary announces that William Munro has succeeded W. A. Leonard as foreman at R. Scott & Son's, the retiring foreman having rented a place on his own account.

The club meeting has been postponed until Tuesday in Easter week. John N. May will speak on the rose meet at the "Hyphen." Phil.

BUFFALO.

We have been blessed with a few fine, bright days, which have been especially welcome to those lily buds which were backward. Although having very sharp frosts every night we are gradually tapering off, with every sign that a few days more will bring the weather we so much desire for Easter. The Main street stores are making a very gay appearance. Palmer is always up to date. Last week his window was especially attractive. He had the new famous Beck design, which as every one knows is North and South America, and on it a huge buffalo. The ground work was galax leaves and the two continents were faithfully worked out in white and pink carnations and it was all surmounted by a well designed buffalo standing on a globe. Although this is not so much art as it is fine mechanical work it attracted throngs of the passers-by.

As I said in my last letter, there is every probability of a lively Easter for the florists, and from the present outlook I scarcely think there will be enough good stuff to go round. Mr. Henry Wise, "the wise man of the East—Aurora," gave us a call this week. Mr. Wise has been very successful this winter with the Imperial violet. I have not heard much about this, strange to say, and yet it is much larger, quite as fragrant, and has finer foliage than the Marie Louise. If it does as well generally as it has with Mr. Wise it will certainly soon displace the old favorite.

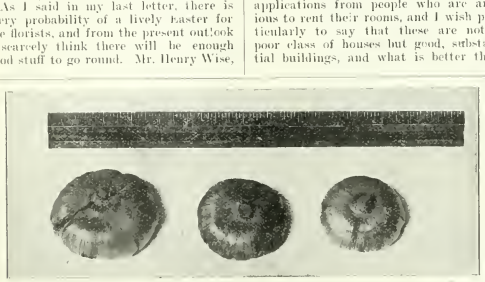
Mr. Harlan P. Kelsey was also here. Every one ought to know this bright nurseryman, who was the author of the galax. We are too busy this week to write much gossip but there is one important subject that I want my readers to take particular notice of.

Buffalo Hotels.

We have heard from reliable sources that there is a rumor going round the country that the hotels and restaurants of our city are going to charge exorbitant prices during the Pan-American season. The best hotels will possibly put up their prices a little above their usual figures, but it will be a very small percentage of the great army of visitors to the Exposition who will depend on going to these hotels. Buffalo, for the last five or six years has built a great many very fine apartment houses; in fact in that line the city has been overdone. All these are now converted into hotels. There are, besides that, a great many temporary structures being put up specially for the accommodation of visitors, several of them of immense size.

But with all this these are not to be the chief source of accommodation for visitors. It would be within bounds to say that there are thousands of homes in Buffalo, good substantial residences, and their owners are anxious and willing to make a little money this summer by renting out rooms to visitors. This source alone will accommodate, I believe, fifty thousand people. The rates of these private houses are already known to be from one to two dollars for a person. This includes a breakfast and other meals it required, but usually in exposition cities a breakfast is all that is expected as there are plenty of restaurants and other places to obtain meals besides going home to the boarding house. Whatever apprehensions there were a few months ago of Buffalo not accommodating its many thousands of visitors are, I believe, entirely dispelled, for from all sides we are having applications from people who are anxious to rent their rooms, and I wish particularly to say that these are not a poor class of houses but good, substantial buildings, and what is better than that, all in the beautiful residence portion of our city.

There are already several agencies that can be applied to and rooms engaged months ahead. But Mr. W. A. Adams, of 479 Main street, is chairman of the florists' hotel committee, and he has promised, and I know will send a communication to all the trade journals announcing the fact that he is ready to receive applications from all or anyone who wishes to engage rooms. W. S.



Large Gladiolus Bulbs.

GLADIOLUS BULBS.

The engravings are from photographs of gladiolus bulbs and bulblets grown at Meadowvale Farm. The largest bulb shown in the cut with the rule, is, I believe, the largest yet brought to the attention of the public, measuring after two months' curing a trifle over four inches in diameter. It is of the Lemoine strain, and one might suppose from its size that it received extra cultivation, which I assure you is not so, for it was grown in a large field, six acres, with other varieties, and was not noticed until digging time, when the foreman's attention was called to its unusual size.

While having this bulb photographed I had some others taken to more especially show the healthy condition of stock grown in our soil. The varieties photographed comprise Groff hybrids, Lemoinei and Gandavensis. The bottom row contains corms of Lemoinei. The next row, bulblets, one year from corms, and the other rows, bulbs one year from small bulblets. We have an irrigating plant here, capable of taking care of all our fields, and we never allow our stock to show the want of water, for during droughts we have men who spray the fields at night with a 2-inch hose. The following day, after the top moisture is dried out, cultivators are put through every row of gladioli, so as to retain the moisture underneath.

While on the subject of large bulbs, let me say that while a large gladiolus bulb is admittedly the best for blooming purposes, it does not follow that in selecting from a mixture one should take all large bulbs, for it has been clearly demonstrated that there are very many fine varieties grown which, although given extra care and cultivation, respond to such treatment not in the increased size of bulb, but rather in producing two or more blooming bulbs, or many cormels, frequently both. Such varieties as these are of course eliminated by selecting only the largest, and it is no wonder that the average retail buyer complains of quality when he insists upon having nothing but large bulbs, and does not leave the selection to one who knows the character and habit of most, if not every variety, he offers. What is most desirable is a clean, healthy, well shaped fat bulb. These facts are being realized more every year, and are acknowledged by those seeking quality rather than quantity and low price.

Arthur Cowee.

ST. LOUIS.

The Market.

Easter stock has been helped along by several fine, clear days, although the weather has been cold and windy the past week. Shipping trade was brisk all of last week; prices have held up quite well and stock has been somewhat scarce. No doubt many of the growers are holding back their stock so as to obtain better prices. First-class stock has not been over-plentiful during the week and the wholesale market shows a few changes over the past week. Carnations are not coming in quite so plentiful as they were. Roses of good quality keep at regular prices except in large lots. Meteors are seen in fine condition with rather short stems; Brides and Maids are short in supply just now; the demand for Beauties has been fine with not enough to go around. Easter prices will no doubt bring them up to $6 and $8 per dozen; other roses will run from $4 to $10 per 100.

In carnations there are very fine flowers; Daybreak and all whites lead in demand. None are sold under $2, from that up to $3, extra fancies bring $4.

Bulb stuff is not so much overstocked as it was; Dutch hyacinths are scarce, though no doubt lots of them will be seen in pots this year for Easter plants. Romans are selling well at $2, so is valley at $4; daffodils are rather stagnant and trumpet major is a drug; callas do not sell well; Harrisii and longiflorum are steady. It is the opinion of the wholesalers that while Easter sales will be large the prices will not advance much. Smilax seems scarce just now and asparagus sells well at 50 cents per string.

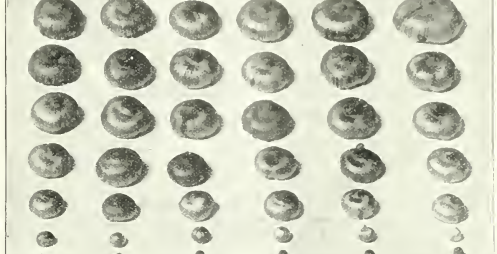
Various Notes.

The floral euchre was a grand success

last Thursday night and the large crowd that was present seemed to enjoy itself very much. All the prizes were plants and cut flowers. Much credit is due Fred C. Weber, John Young, F. M. Ellis, F. H. Weber and Will Adels for the way in which they handled the affair. The arrangement committee are thankful to all the local florists who donated plants; Walter W. Coles, of Kokomo, Ind., is especially thanked for the fine lot of American Beauties and Kaiserins he sent; they were among the best prizes. After the playing and distribution of prizes the young folks danced until early in the morning.

Our visitor last week was the genial Walter Mott, who represents Henry Dreer, of Philadelphia. Walter has a great many friends in St. Louis who are always glad to see him.

I noticed in the last issue of the REVIEW the article headed "Bowling" from Bro. Scott, P. N. F. B. L. I think the plan a good one and heartily indorse it, and hope the other "cranks at large" will do the same. St. Louis has the three men that can beat any three florists that will be at the convention in Buffalo this summer. J. J. B.



Gladiolus Bulbs Raised at Meadowvale Farm.

CHICAGO.

The Market.

The weather averages very unfavorable and indications of a shortage for the Easter trade are becoming stronger. All the wholesalers report large advance orders and the shortage may extend to every line, except possibly daffodils and violets. Carnations are already very scarce, especially white. A feature noticed in many advance orders is an increase in the call for white over previous years. In roses Brides are in largest demand, though Maids usually lead at the season. Good Beauties are much short of the demand. Prices of good roses and carnations are stiffening some over the quotations previously published. Good bulbous flowers will evidently be none too plentiful, though there may be an oversupply of that which has been held too long. Already overripe tulips are making their appearance. As none of these can be shipped the fakers will be about the only outlet.

When the lilies are all in there will be a big lot of them, but there will hardly be enough first-class ones to go around and no one seems to be ready to take the poor ones.

The supply is certainly not what it ought to be, but we imagine there will be a lot of stock marketed and that the average results will be better than seems possible at this writing. Let us hope so.

On Wednesday we were favored with some really bright weather, and if this continues the supply may be materially enlarged, though it comes rather late to have as much effect as is to be desired.

Various Items.

A regular meeting of the Florists' Club will be held at 40 Randolph street tomorrow (Friday) evening. The program includes a paper by Mr. D. F. Hawkes on "Hardy Herbaceous Plants."

Mr. Frank Garland, the well known grower of Des Plaines, has opened a city wholesale place at 55 and 57 Wabash Ave., in the store formerly occupied by A. H. Poehlmann. C. S. Stewart is in charge.

Mr. C. L. Washburn has returned from South Carolina. He reports that the peach trees and the trailing arbutus were in bloom when he left and that the native rhododendrons were in bud. Mrs. Washburn will remain there some time longer, her health improving rapidly in such a favorable climate.

Mr. O. P. Bassett is now [illegible] vacation at West Baden, Ind.

McKellar & Winterson are doing a fine business in Easter plants as well as cut flowers and supplies. They are fortunate in having a larger supply of lilies than usual.

Callas from California are again in the market. It was merely an experimental shipment. These came through in better shape than the big shipment made some years ago. If they can be sent through in quantity as well and the freight don't eat them up California callas may yet be a factor in the market at Easter.

Mr. E. Winterson entertained a party of about twenty florist friends at his home last Sunday evening and it seems needless to add that Walter Kreitling was the star of the evening.

Mr. F. J. King, Ottawa, Ill., was a recent visitor.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its regular monthly meeting March 28 with President Smith in the chair and about thirty members present. The executive committee reported the list of essays for the year complete, and that the annual flower show of the society will be held Nov. 5, 6 and 7. Mr. L. A. Martin resigned as corresponding secretary. His future address will be Greenwich, Conn. On motion a vote of thanks of the society was tendered him for his able services as corresponding secretary. Henry Bradley was elected to membership. Alex. McClelland, Alfred C. Cooke and Mr. Crossman were proposed.

A hundred Marie Louise violets exhibited by Mr. Joseph Bradley were awarded a certificate of merit; Mr. Claude Wilson and Mr. Able Weeks, judges. H. J. Rayner was duly elected as corresponding secretary. Mr. Joseph Bradley read a very able essay on the cultivation of violets, in the discussion that followed Messrs. Cockburn, Scott, Farlow and Mooney taking part.

H. J. RAYNER,
Corresponding Secretary.

WHEN you want to buy any stock our classified advs. will save you time and money.

BOSTON.

Trade Conditions.

Probably business is fully as good as usual at this time of year or even better. A large amount of goods is being moved, prices ranging from very low to very fair. If anything is overplentiful it must be lilies, double violets and roses. Other materials in fair supply, except good carnations, smilax and Sprengeri, and these are not so scarce as they have been. An exception must be made of red roses, since they are much more plentiful and surely the demand seems smaller. Some large stores that have carried a stock of Beauties all winter do not now dare to purchase them on speculation, but perhaps carry a small stock of Brunners instead.

Various Items.

George Sutherland demands the right to label his 34 Hawley street establishment the most complete wholesale place in New England. He keeps everything compactly on one floor and has expanded laterally some four or five hundred square feet in two rooms; one for a wire worker and one for the manufacture of the Koral letter. This letter is working up a fine reputation, and he is now working the same idea into different designs. His new addition of territory also gives him a fine rear entrance to his store and a spacious private office.

Phil Feinstein has always been classified as a street faker, although he has had headquarters in an old street car on Portland street for the past few years, where he has actually carried on as regular a trade as many others in more pretentious structures. He had his little wooden block fitted with electric lights, cash register, etc., and backed it up against a good large ice chest. He has been a heavy buyer of good material in the city, besides contracting for the whole output of two or three quite large growers. But he has now come out of this chrysalis state and spread his wings in one of the largest rooms devoted to the business in the city. He sub-lets part of it, however, and his personality is amply large enough to fill the rest.

A Royal Visit to King Street.

"Half a league, half a league"—yes, a league and a half onward via Dorchester avenue we found the rose houses managed by Lawrence Cotter. They carry some 40,000 feet of glass, are somewhat of an antiquated pattern, but were built in a most thorough manner, and have been kept in good repair. The rose bushes are first-year plants, their own roots, not very heavy, but looking well and coming in good for spring trade, if there is any. One house is devoted to the Liberty rose, which showed a big lot of fine buds on long stems at the time of my visit, on Mar. 24. Another house shelters the finest lot of potted crimson Ramblers I ever saw, with a few specimens of the pink variety, which looks all right, but is not recommended by Mr. Cotter. But he is enthusiastic over a new climbing red rose bush, of which he has quite a supply. It makes a large plant, and throws a profusion of Brunner-like blossoms. Fine thing.

But we were out for lilies, and found nearly half the houses full of them, to be followed by summer roses.

Probably this is our largest collection of lilies next to that of E. N. Peirce & Sons. And they are good ones. But do not take my word for this. Go and see them or visit representatives at the New England Cut Flower Co. on Ordway place.

L. H. Foster's place, across the street, was also inspected. He will pardon me while I say it is really not an awfully interesting place to visit, even with the courteous treatment of himself and foreman. But it is a monument to his thrift and energy in that he manages to sell his plants when they get large enough to be really worth looking at. Billions of small palms and trillions of small ferns; the ground is full of them out there! And he has a raft of bedding material coming, too. J. S. Manter.

AN EMPLOYES' ASSOCIATION.

The editor of the Review suggests that I take up the question of an association and call upon employes in regard to forming an organization. Every interested employe will, I am sure, appreciate the editor's generosity in offering to devote a page or so of the Review to the interests of employes.

If it was at all possible I would be willing to do what I could. I would first issue a call to all employes around Chicago who are interested, inviting them to send in their names to the Review (if it would not be asking too much of the Review), said names to be handed over to me. I would then invite them to meet me at a given date and we could then go ahead with the organizing.

But the fact of it is I have been called away from the city and all I can hope to do in the case is to extend the call for names and ask the next most interested one to act in the matter.

W. K.

[If those interested will send in their names we will endeavor to arrange for a meeting for preliminary organization. —Ed.]

SAN FRANCISCO.

The Market.

Our Easter trade promises to be very good this year; the supply of stock will be good, the only scarcity may be in Harrisii. Crimson Ramblers are in good supply and no doubt will sell well.

Prices: Beauties, $1 to $3; Brides, Maids, and Carnots, 20 to 75 cents; Perles, 25 to 50 cents; Cecil Brunners, 12½ cents; Kaiserins, Golden Gates, Meteors, 25 to 75 cents. Carnations, Hobart, $1; Crocker, 25 to 50 cents; Schwerin and Bradts, 25 cents; mixed fancy, 25 to 50 cents; Scotts, 20 to 25 cents; Portias, 12½ to 20 cents; Hill, 25 to 35 cents; Lawson, 50 cents; Marquis, 30 to 50 cents. Harrisii, $1.50 to $3.50; tulips, 35 cents; valley, 35 to 50 cents; Japan iris, 50 cents; callas, $1 to $1.50 per 100. Violets, Princess, 75 cents to $1; Marie Louise, $1 per doz. Smilax, 5 cents; asparagus, 10 cents per string. Crimson Ramblers in pots, 3 feet, 50 cents; 4 feet, 75 cents each.

Trade Notes.

Domoto Bros., Fruitvale, lost $4,000 worth of plants in the wreck of the Rio Janeiro. They were imported from Chota, Japan, and consisted mostly of wistarias, bamboos, aspidistras and camellias for Easter. This firm will have a fine lot of longiflorums, 7,000 in number; also 4,000 Spanish irises, yellow and purple. Four houses 20x200, for roses and carnations, will be built this spring.

A. Fronmuller, Elmhurst, Alameda Co., will put up one house 25x150, for roses.

J. Gilmore, Elmhurst, Alameda Co., will erect one house 16x300, for roses. Mr. Gilmore will try his hand on a batch of Liberty, having secured a nice lot of two-year old plants. He thinks he can master this beautiful rose, but bad actor.

H. Yoshiike, Willow street, Oakland, has about 10,000 seedling carnations; quite a number are in pots, while box after box can be seen filled with seedlings as thick as grass. Three boxes of seeds from Lawson seed pods were sown this week. Lookout for something good.

E. W. McLellan, Burlingame, will have about 400 dozen lilies for Easter.

Fick & Faber will move to San Mateo.

J. N.

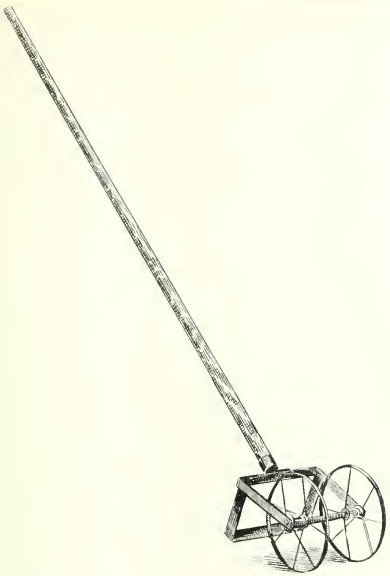
THE PAN-AMERICAN.

Floriculture.

The landscape features and adornment of the grounds are of great importance at the Pan-American Exposition. In the Grand Court, in the Court of Fountains, in the Court of Lilies, the Court of Cypresses, in front of the Pergolas—in fact, everywhere that flowering plants and ornamental foliage plants can be planted, they will be lavishly used. The colors employed in the flower gardening will harmonize with the coloring of the surrounding buildings. There are over 600 large vases which will be filled with flowering plants and drooping vines, and many of them with specimen palms. Large quantities of palms have been brought from California, as well as oleanders, oranges and ornamental grasses. All these will be planted in the open ground as soon as the weather will permit.

Five hundred standard sweet bays have been imported from Europe. These have magnificent symmetrical heads and are six and seven feet high, and will be largely used to adorn the exterior of the largest buildings. A most effective feature will be the use of 500 tall, tapering cypress obtained from the south. They are thirty or forty feet high, now in boxes, and will be planted in the Court of Lilies and Court of Cypress. They are in most perfect order and will lend an oriental aspect to this part of the grounds which it would be impossible to obtain with any other material. The idea of using these cypresses was most happy, and their condition now reflects great credit on the ability of the landscape gardener.

The display of aquatic plants is very large. On the south margins of the East and West Mirror Lakes are planted in groups of ten to fifteen in one variety upward of 1,500 of the finest known species and varieties of the hardy nymphæas and nelumbiums. The Court of Fountains in front of the Horticulture Building, to the west of the Esplanade and in front of the Government Building on the east, will contain many of the finest nymphæas as well as other less known aquatic plants. The two grand basins, each 125 feet across and situated a few feet to the south of the Machinery Building and Liberal Arts Building, respectively, have been heated for the special welfare of the Giant Lily of the Amazon, the Victoria Regia, and the exotic nymphæas. The location of



A Good Wheel Hoe.

these are splendid, both for the appearance they will make and their sheltered location. Henry A. Dreer, of Philadelphia, is making at great expense the entire exhibit of aquatic plants.

The space devoted to horticultural exhibits, and covering some twenty acres, contains 200 beds of every size and design. A large part of it is known as the Music Garden, and there is no prettier or more pleasing spot in all the grounds. The absence largely of straight lines and the liberal planting of trees, with its already beautiful lawn, gives this part of the grounds a natural and park-like beauty. The demand for space in this garden for exhibits by the leading nurserymen and florists of the country has far exceeded the space available, but nearly all well-known firms are represented. Every familiar flower as well as the new and choice introductions will here be seen, and from groups of our native trees, evergreens and mountain plants to the humble but admired pansy.

All these beds, as well as those in the landscape department and in the courts and surrounding the buildings, are now filled with hyacinths, tulips and narcissus and other spring flowering bulbs, which insures a brilliant display during the month of May, to be followed later by the permanent summer blooming plants. In August last there were planted on the margins of the shrubbery borders 200,000 hardy perennials which will flower during the summer, giving not only color but naturalness to these borders. To those seeing the grounds now with the great diversity of levels, its sloping banks and terraces, its wooded mounds and leafy glades, its canals and lakes and lagoons, it seems almost incredible that less than one year ago today it was a flat plain with scarcely a rise of two feet in its mile of length and breadth.

The spacious and magnificent Horticulture Building will be devoted entirely to fruit. Every inch is already assigned to the several states. The two large conservatories leading from this building to the Graphic Arts Building on one side and to the Mines Building on the other, will be constantly gay with flowering and fine foliage plants. Beginning with the opening week in May and continuing throughout the summer will be held special flower shows of all the most popular flowers, for which medals and diplomas will be offered. The prominent specialists of the state are taking the liveliest interest in these exhibitions and will all exhibit. Particularly is this so in the case of carnations, roses, peonies, sweet peas, gladiolus, asters and chrysanthemums.

It is impossible to give in a few hundred words more than the merest outline of the work and beauty of horticulture at the Pan-American Exposition. It is not in one spot or one exhibit that the visitors will be charmed, but in the beauty and completeness of the whole.

William Scott.

Assistant Supt. of Horticulture in charge of Floriculture.

A GOOD WHEEL HOE.

We present herewith an engraving of a wheel hoe of a very simple but effective pattern that proved so satisfactory to Mr. W. E. Hall, the florist of Clyde, Ohio, that he is offering it to the trade and others. He says it beats any similar tool he has ever had. Its simplicity is certainly in its favor, and it would seem to be just the thing for cultivating carnations in the field.

NITRATE OF SODA vs. SULPHATE OF AMMONIA.

Of the several fertilizers that are used in the production of garden and farm crops none are better known than the two important sources of nitrogen—nitrate of soda and sulphate of ammonia—and judiciously applied none are of greater value for several of the principal crops. It may be assumed that with a fuller appreciation of the aid they are in certain cases able to render there will be a material increase in their use, and it is therefore desirable the cultivator should be acquainted with the comparative returns which may be expected from these manures, and with the conditions under which they may be the most profitably employed. Hence the exhaustive paper contributed by Professor Warrington to the current issue of the Royal Agricultural Society's Journal on the comparative value of these two fertilizers is of much interest, and fully deserve the careful consideration of both gardeners and farmers. As the author points out in his opening remarks, sulphate of ammonia and nitrate of soda have long been competitors for the cultivator's favor, and the competition is likely to continue, as the market price of each influences the market price of the other. It is consequently desirable the cultivator should be acquainted with the conditions under which each attains its maximum efficiency, as without this knowledge he is not in a position to employ them to the greatest profit, or to take advantage of the variations in their market prices. As the paper occupies nearly fifty pages, it is not possible to do more than very briefly refer to a few of the conclusions at which Professor Warrington has arrived as the result of his investigations.

Although sulphate of lime and sulphate of ammonia are chemically distinct substances, not one of the proximate constituents of one salt is found in the other. In their use as manures they become, however, far more alike. While the nitrate of soda undergoes but little change in the soil the sulphate of ammonia is profoundly altered. By contact under favorable conditions with a moist soil containing carbonate of lime the sulphate of ammonia is finally resolved into two salts, the sulphate and nitrate of calcium; and the mention of this fact will show that the presence of lime in the soil is essential to its efficiency. According to the results of the investigation made by Professor Warrington, sulphate of ammonia cannot be profitably used as a manure on land destitute of lime, and in its use on soils containing a large percentage of

carbonate of lime the best results are obtained by covering it with soil by plough or spade, or rake or harrow, immediately after its application. Even on ordinary land the best results are obtained from mixing it with the soil. Although they may be successfully used as a top dressing for some crops, ammonia salts do not become available as plant food till they have been converted into nitrate of calcium, and this nitrification will not take place in a dry soil, but in most arable land it will quickly occur in showery weather. In consequence of the various changes proceeding more slowly, the effect of sulphate of ammonia is more gradual than that of nitrate of soda, and is especially prolonged in soils containing little lime or when associated with organic manures.

On the other hand, nitrate of soda may be successfully used on land containing no lime, and as it is immediately available as plant food and distributes itself in the soil more rapidly than the nitrate of calcium arising from the nitrification of sulphate, is more suitable for use as top dressings to growing crops and for application at a late period in the growth of the crop. In dry seasons nitrate of soda gives a better return for the same quantity of nitrogen applied; and the greater crop frequently given by it is in part due to the soda which it supplies, the soda acting beneficially both in the soil and in the plant. The produce yielded by sulphate of ammonia is more dependent on the presence in the soil of an abundant supply of cinereal plant food or ash constituents than is the case when nitrate of soda is employed. This is probably due to the power the last named fertilizer has of acting upon the potash and other alkalies contained in the soil, and rendering them available as plant food.

To state the chief points briefly, sulphate of ammonia is the most suitable for use where the soil is naturally moist and contains a liberal percentage of lime, and for crops that are of comparatively slow growth, while nitrate of soda gives excellent results on soils that are naturally dry and contains but little calcareous matter. With regard to the influence of these two manures on the bulk and quality of the crop, it would appear that the largest yield is in the majority of cases obtained from nitrate of soda, and the highest quality produce from sulphate of ammonia. From the conclusions thus briefly stated it will be seen that an estimate of their value must not be wholly based on their percentage of nitrogen, and that to insure their profitable utilization considerable knowledge of their distinctive characteristics is necessary.—Gardeners' Magazine.

ASPARAGUS AND CABBAGE.

In a paper read before the Massachusetts Horticultural Society Prof. H. T. Fernald recommended arsenate of lead for destroying the asparagus beetle, which has caused market gardeners so much trouble.

He said that the cabbage worm was, in spite of nearly fifty years' experience with it, one of the most difficult cabbage insects to control. For that purpose he recommended the use of paris green, explaining why any danger in the use of this insecticide was more apparent than real and stating his experience in its use, and also the practice of the large market gardeners around Philadelphia where this treatment has been followed for fifteen years with excellent results.

Norfolk, Va.—The affairs of the Lauterbach Floral Company are being wound up by the courts as the result of a suit for an accounting.

BULBS FOR SPRING AND SUMMER.

BEGONIAS—Tuberous Rooted.

	12	100
Single giant flowering, separate colors—white, rose, red, yellow and orange, 1st size, 1¾ to 2 in.	$0 40	$2 50
2d size, 1 to 1¾ in.	30	2 00
Double giant, flowering, separate colors, 1st size	75	5 00
2d size	60	4 00

CALADIUM Esculentum (Elephant's Ear).

	12	100
5x7in.	$0 50	$2 00
7x9"	50	3 00
9x11 in.	75	5 00
Monster	1 00	7 50

CALADIUM—Fancy Leaved.

Note—It pays to grow only the best and of most brilliant coloring. We offer the **finest named** sorts, dozen, $1.50; 100, $10 00. Good sorts, dozen, $1 00; 100, $7.00. Very rare sorts produce only small bulbs. The commoner the variety the larger the bulb.

CANNA.

We can furnish Standard sorts: A. Bouvier, Chas. Henderson, Pres. McKinley, Mme. Crozy, Queen Charlotte, Paul Marquant, Pres. Carnot, L. Vaughan, Mlle. Berat, Austria, Italia, Barbank, etc. Good strong roots, 1 to 3 eyes, 50c. per doz.; $3.00 per 100.

Mixed, above sorts, 30c. per doz.; $2 00 per 100.

GLADIOLI.

	12	100	1000
MAY. True sort, florists' favorite forcer, large bulbs.	$0 30	$2 00	$18 00
Very good flowering bulbs.	25	1 75	15 00
Peregrine Mixture, 50 per cent. white and light std., 1st size.	20	1 25	10 00
2d size.	15	1 00	7 50
Marion Hybrids, unexcelled.	20	1 25	10 00

For prices on separate colors see our catalogue.

GLOXINIAS.

	12	100
Finest mixture, 1st size, 1¼ to 2 in.	$0 50	$3 00
2d size, 1 to 1¼ in.	30	2 25
Separate colors, 1st size	50	3 50
" " 2d "	40	2 50

TUBEROSE—Excelsior Pearl.

	100	1000	2000
4x6 inch	$0 75	$5 00	$9 00
3x4 "	40	2 75	5 00

TIGRIDA Conchiflora.

	12	100
All colors mixed.	$0 40	$2 00

LILIES.

	10	100
Lil. Auratum, 7x9 inch	$0 60	$4 00
" 9x11 "	1 00	6 50
" **Rob.,** 7x9 "	60	4 00
Melp., same price as Rub., 9x11	1 00	6 00
" Alb., 7x9 inch	75	5 50
" 9x11 "	1 00	6 00
Tiger	50	3 50

Very valuable for cut flowers in summer, exceedingly free blooming, and showy, good sellers.

Lil. Elegans or **Thunbergianum** in brilliant scarlet, orange, velvet crimson, apricot; strong bulbs, all flowering; 60c per doz.; $4 00 per 100.

Pictures of these to buyers on application.

DORMANT

FERN WREATH

Hangs up like Fern Ball.

Sells Better. More Effective.

1st size, 11½ in. diam., 50c. each; $5.00 per 12; $40.00 per 100.

2d size, 9-10 in. diam., 40c. each; $4.00 per 12; $30.00 per 100.

IRIS Kaempferi in choicest sorts, strong clumps. $1.25 per doz; $8.00 per 100.

Ready: CYCAS REVOLUTA.

Our specialty for the past 15 years; our firm was the first to import these in the U. S. in 1885. 10 lbs for $1.00; 100 lbs for $8.00. Write for prices on quantities.

Seasonable Flower and Other Seeds.

Asparagus pl. nanus, 100, 85c; 1000, $7.00
Sprengeri, 100, 35c; 1000, $2.50; 5000, $9.00.
Cobwa Scandens, pkt., 10c; oz., 30c.
Sweet Pea Seed, standard sorts, lb., 25c; 5 lbs., $1.00.
Eckford's Hybrid, mixed, lb., 30c; 5 lbs., 85c.
Stocks, Cut-and-Come-Again, Benary's Prize Strain, in separate colors, pkt., 25c; oz., $1.00.
Wistaria Sinensis, blue, pkt., 5c; oz., 30c.

FRESH CROPS.

Primula Sinensis fimbriata, in separate colors, 100 seeds, 25c; 1000 seeds, $1.75.
Mixed, 100 seeds, 20c; 1000 seeds, $1.50.
Cineraria hybrida grandiflora, unsurpassed strain brilliant tints, pkt., (about 500 seeds), 25c; 5 pkts., $1.00.
Cineraria dwarf nana, same price.
Pansies. The cream of the European market —Scotch, French, German. In any color, separate or named variety, 1000 seeds, 25c; 5000 seeds, $1.00.

FRESH PALM SEEDS.

	12	100	1000
Cocos Weddeliana.	$0 50	$1 00	$7 00
Kentia Belm. or Forst.	15	60	4 00
Latania borbonica	10	40	2 50
Phoenix canariensis		25	2 00
" **reclinata,** true	15	50	4 00
Washingtonia filifera		25	2 00

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H. H. BERGER & CO., EST. 1876. **47 Barclay St., NEW YORK.**

Mention The Review when you write.

Remember your employes have birthdays. Also remember that there is nothing else so mutually profitable for you to give them as a copy of the Florists' Manual, by Wm. Scott. The price is $5.00 a copy delivered.

THE Review's classified advs. are a great convenience is the verdict of the buyers. "It is so easy to find what you want."

A 35-word want adv. free to every subscriber.

Please send us the news of the trade in your vicinity.

...DREER'S...
Novelties and Specialties

Campanula Isophylla Mayii.

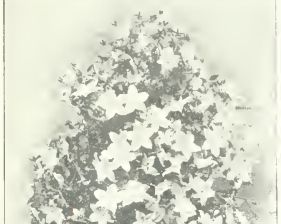
In this new Bell-Flower we have one of the most important and valuable novelties of the season, and a plant that with only ordinary care can be grown by anyone; a plant for everybody. It succeeds best as a pot plant grown in a half shady situation, and may either be permitted to trail over the sides of the pot or staked and grown upright; under either condition it becomes one mass of flowers of a pleasing light blue color, and are produced continuously through the summer. Strong stock plants in 3-inch pots, 60 cents each; $5.00 per dozen. Good young plants in 2-inch pots, 25 cents each; $2.50 per dozen.

Deutzia Gracilis Rosea (new).

Identical with Gracilis in general habit, but with flowers fully double the size of that graceful variety, to which is added the additional charm of being suffused with a delicate rosy tint, just sufficient to relieve the dead white which is objectionable in the type, and which will undoubtedly place it in the front rank of shrubs for winter forcing. A limited lot of one-year old plants. $2.00 per dozen; $15.00 per 100.

Anemone Japonica Queen Charlotte.

The finest of all the Anemones and a grand summer and fall cut flower. Strong 2½-inch pots, 75 cents per dozen; $6.00 per 100



Campanula Isophylla Mayii.

Polygonum Baldschuanicum.

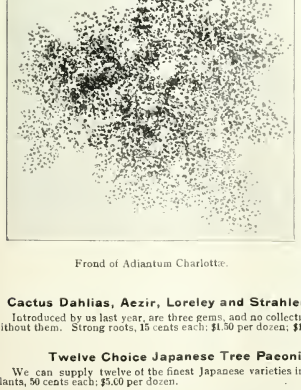
A hardy climber of recent introduction from the mountains of Turkestan. It is a very rapid growth, frequently growing from 10 to 12 feet high in one season. The stems are twining and cling for support to any object within reach. Every branchlet terminates in a panicle of white flowers, which are produced to the greatest profusion from July to September. A plant that is certain to meet with popular favor. Strong plants, 75 cents each.

Tuberous Begonia, "Duke Zeppelin."

A most useful and attractive variety that should soon become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in full sunshine. It is of dwarf habit, growing from 6 to 8 inches high, throwing up well above the foliage numberless stems bearing full, double dazzling scarlet flowers, giving the whole plant a brightness, grace and elegance difficult to describe. Strong bulbs, 20 cents each; $2.00 per dozen; $15.00 per 100.

Frilled Tuberous-Rooted Begonia

A most unique form, with very large single flowers which are entirely distinct from anything heretofore offered, the petals being wavy and beautifully frilled on the edges, similar to the newer forms of Petunias. A decided acquisition. Strong bulbs, 25 cent each; $2.50 per dozen.



Frond of Adiantum Charlottæ.

New Adiantum Charlottæ.

Our illustration gives a faint idea of the beauty and grace of this new Maidenhair; it is entirely distinct from all other varieties, and even more graceful than A. gracillimum, and possessing the advantage of having much stouter, stiffer stems, on account of which it forms more shapely plants, and increases its value for cutting purposes. Specimens of this handsome sort shown at the exhibitions of the Penna. Hort. Society during the past two seasons attracted the attention of all lovers of Ferns. Strong, 4-inch pots, 35 cents each; $3.50 per dozen.

Montbretia Crocosmiæflora Germania.

This new giant Montbretia has been under our observation for the past four years. It grows about 3½ feet high, is of sturdy habit, much branched, and produces most graceful spikes in the greatest profusion. They are well furnished with large six-petalled, widely expanded flowers, measuring over 3 inches across, probably the largest of the genus. The color is a rich glowing scarlet, shading to brilliant orange, with a blood-red throat. The buds and also the reverse of the petals are blood-red, a most striking combination of colors, making a grand effect. 20 cents each; $2.00 per dozen; $15.00 per 100.

Montbretia Germania.

Cactus Dahlias, Aezir, Loreley and Strahlen Krone.

Introduced by us last year, are three gems, and no collection is complete without them. Strong roots, 15 cents each; $1.50 per dozen; $12.00 per 100.

Twelve Choice Japanese Tree Paeonias.

We can supply twelve of the finest Japanese varieties in strong heavy plants, 50 cents each; $5.00 per dozen.

Yucca Filamentosa Bicolor.

This elegant plant has proven entirely hardy with us the past winter. We offer good, one-year-old plants, 35 cents each; $3.50 per dozen.

Our new Quarterly Trade List which has only recently been distributed, offers a complete line of all the leading novelties, together with a full line of seasonable stocks, with full lists of our specialties, as Decorative Plants, Water Lilies and Aquatics, and the most complete list of Hardy Perennials offered in this country. If you have failed to receive a copy advise us.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA.

OSAGE, IOWA.

The florists of this section of northern Iowa and southern Minnesota have all had a very prosperous winter and have had no trouble to sell at good prices all the cut flowers they could grow.

We are all on very friendly terms and held our fourth semi-annual picnic at Charles City, Ia., Jan. 24 and 25, with Mr. M. H. Wetherbee. There were present at this meeting Symonds and Cadwell from Decorah, Perry from Cresco, Klemm from Mason City, Springer from New Hampton, Hall Bros. from Osage, and Kinsman from Austin, Minn. We all had a very pleasant time and gathered much valuable information through an exchange of experiences with different varieties under varying treatment. A committee was appointed to report upon the advisability of forming a Florists' Association, but the committee thought it best to postpone forming an organization until our next meeting, which will be held in August at Austin, Minn., with Mr. A. N. Kinsman. H.

CORRECTION.

In the cut flower quotations in the double page advertisement of Messrs. McKellar & Winterson in our last issue the printer made some errors that caused stock to be quoted in dozens when it should have been in hundreds. The error was undoubtedly apparent to our readers, who are familiar with such quotations, and hardly need be told whether the rate is per dozen or per hundred, but in case there are any who were mystified we will explain that only the American Beauties were to be quoted per dozen and the remainder should have been per 100.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—By competent grower of cut flowers and plants; good decorator and designer; German, single. Address C. G. F., care Florists' Review.

WANTED—Young man for first-class cut flower trade and general storeman of experience. J. M. Gasser Company, Euclid Avenue, Cleveland, O.

WANTED—A good all-around man for general greenhouse work; must know his business; $30 a month with board and room. Man can't do a day's work in ten hours don't apply. C. H. Green, Fremont, Neb.

WANTED—At once, good all-around florist for commercial place; state wages and send references. Address A. B. C., care Florists' Review.

WANTED—At once, a first-class grower of roses carnations, violets and general stock; single; room and board furnished; state wages. Eschen Bros., florists, 129 W. Superior Street, Duluth, Minn.

WANTED—At once, good, reliable man to grow carnations on commercial place. Singler Bros., Morgan Park, Chicago.

WANTED—A good grower of roses, carnations and maiden hair ferns. $30 to $35 per month with board and room. A good home for right man. E. Lacazette & Co., 414 14th Street, Oakland, Cal.

FOR SALE—Some extra good second hand 3-inch pipe 8½c per foot; also some 4-inch; guaranteed sound. W. H. Salter, Rochester, N. Y.

FOR SALE—At half its value. Fifteen Hundred dollars ($1,500.00) buys six greenhouses—8000 feet glass—hot water heat—plenty of good stock—also house of seven rooms, barn, sheds and sash; located near Chicago; long lease given on land; if you have the price address for particulars. A Bargain, Care Florists' Review.

WANTED—At once, young, single and reliable man to assist in care of three small greenhouses. Wages, with board, $18.00 per month. One who understands watering plants is wanted. Mrs. H. E. Smith, Berlin, N. H.

WANTED—A good all around florist; a single honest, sober man, one that will grow good cut flowers and bedding plants. Fifty dollars per month and room to right man. Must have some idea of planting out. Address W, care Florists' Review.

WANTED—At once, a thoroughly reliable, honest, upright man; one who is quick and well experienced in carnations and general greenhouse work. State age and wages wanted; references required. N. Zweifel, 14th Street and Greeling Avenue, Milwaukee, Wis.

SITUATION WANTED—By first-class grower of cut flowers, bedding plants and vegetables. Capable of taking charge of establishment. Past class references. Address F. O., Box 225, Fulton, W. Va.

SITUATION WANTED—By first class grower of roses carnations, violets and mums. Address Illinois, care Florists' Review.

POSITION WANTED—This spring, near Boston, by an up-to date grower, as working foreman, on a good clean place; strictly temperate man; had large experience with roses and carnations; good wages required; married; age 38; one child. Give full particulars to "Englishman," care Florists' Review.

SITUATION WANTED—As a good all 'round florist growing roses, carnations, etc.; capable of taking full charge; single; 24 years' experience. Address N, care Florists' Review.

SITUATION WANTED—By thoroughly experienced cut flower grower; 14 years in this country; single; reference. Address K, care Florists' Review.

WANTED—Several men as assistant rose growers. Apply ready to work to Bassett & Washburn, Hinsdale, Ill.

Wanted. A Greenhouse Foreman who thoroughly understands the growing of palms, ferns and bedding plants, also a first-class Packer and several Tree and Shrub Planters, those with a general knowledge of nursery stock preferred. Address Mt. Desert Nurseries, Bar Harbor, Me.

SITUATION WANTED.

As Manager and Grower

For a good reliable firm; thoroughly up-to-date in **every department of commercial work**; capable of handling men and carrying on the work in a practical manner. Best of references furnished as to character, ability, etc.

Good permanent position desired. Open for engagement April 15th.

Address "Commercial," care Florists' Review.

Mention The Review when you write.

FOR SALE.

Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Mention THE REVIEW when you write.

FOR SALE.

1000 3-in. Tomato Plants in bud, Beauty, Lorillard and Sutton's Best-of-all. Extra fine, strong plants, per 100, $2.00. Dwarf, Champion, Mayflower, Sutton's, Beauty, Iron Clads, 15c per 100; $1.25 per 1000. Lorillard, transplanted, 25c per 100. **Lettuce**—Silver Ball, 15c per 100; $1.00 per 1000. 300 3-in. **Cineraria**, finest strain, strong plants, $2.50 per 100. 2-in. **Smilax**, $1.00 per 100.

Mrs. W. F. GRISWOLD, Worthington, Ohio.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

For $5. Special for Easter.

1000 Dagger Ferns. 1000 Sprays. 1000 Bronze Galax. 1000 Green Galax. 100 Leucothoe Sprays Cash with order. Stock A No. 1.

HENRY M. ROBINSON & CO.,

32, 34, 36 Court Square, - - BOSTON.

Mention The Review when you write.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write **S. D BRANT, Clay Center, Kans.**

Mention The Review when you write.

NASH'S SMALL FRUIT PLANTS LEAD.

240 Old and New Varieties of Raspberries, Strawberries, Currants, Grapes, Dewberries, etc.

THREE RIVERS, **C. C. NASH,** MICHIGAN.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

J. AUSTIN SHAW,

271 Broadway, NEW YORK,
Special Agent for

BAILEY'S "CYCLOPEDIA."

Three Volumes Now Ready.

Pay **$2.00** monthly if you prefer. Express prepaid. Write for particulars and sample pages.

Mention The Review when you write.

Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.00; special price on large lots. Can ship any time.

OAVIS BROS., - - - MORRISON, ILL.

AMERICAN BEAUTIES

Strong Plants from 2 x 3-inch pots, ready for a shift.

$6.00 per 100; - - $50.00 per 1000.

JOSEPH HEACOCK, WYNCOTE, PA.

Mention THE REVIEW when you write.

LOOK on page 584, Florists' Review, Issue of March 28, 1901,

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

EASTER PRICE LIST.

The quality of our stock is guaranteed as good as any dealer's or grower's stock in the Chicago market.

McKellar & Winterson,

45-47-49 WABASH AVE., CHICAGO TELEPHONE MAIN 1129.

CUT FLOWERS.

Roses, American Beauties, long	per doz.,	$4.00 to $8.00
" " " medium	"	3.00 to 5.00
" " " shorts	"	1.50 to 2.00
" Maids and Brides	per 100,	6.00 to 10.00
" Meteors	"	6.00 to 10.00
" Perles	"	5.00 to 7.00
" Our Selection, assorted	"	6.00
" Good Seconds, assorted	"	5.00
Carnations, Fancy Varieties	"	5.00 to 6.00
" Select Standards	"	3.00 to 4.00
" Good Average Stock	"	3.00
Lilies, Harrisii or Longiflorum	"	12.00 to 15.00
" Callas	"	12.00 to 15.00
Valley, Extra Choice	"	3.00 to 4.00
Violets, Double	"	.75 to 1.00
" Single	"	.50 to .75
Tulips, Single and Double	"	3.00 to 4.00
Daffodils, " "	"	2.00 to 4.00
Marguerites, White	"	.75 to 1.00
Mignonette	"	3.00 to 4.00
Freesias	"	3.00 to 4.00
Romans, Paper Whites	"	3.00 to 4.00
Forget-me-nots	"	.75 to 1.00

Above prices subject to change without notice.

DECORATIVE GOODS.

Smilax	per doz.,	$2.00 to $3.00
" "	per 100,	15.00 to 18.00
Asparagus, Select	per string,	.75 to 1.00
" Ordinary	"	.50 to .65
Ferns, Best Selected	per 100,	.25
" "	per 1000,	2.50
Galax Leaves, Green or Bronze	per 100,	.15
" " "	per 1000,	1.25
" " "	per 5000,	5.00
Leucothoe Sprays, Select	per 100,	1.00
" "	per 1000,	8.00
Adiantum Ferns, Select	per 100,	1.00
Sabal Palm Leaves, Select	per 100,	5.00
Wild Smilax, No. 3, 2 -lb. case	each,	3.00
" No. 4, 30-lb. case	"	4.00
" No. 5, 40-lb. case	"	5.00
" No. 6, 50-lb. case	"	6.00

Above prices subject to change without notice.

Should the market fluctuations be such that lower prices prevail, our customers will be given the benefit of such reduced prices that market will allow, regardless of prices quoted.

If you did not happen to receive our complete list on Plants and all Easter goods, drop us a postal at once.

Orders never before came in so freely to us as for the present Easter trade. We are prepared for them, and want to see yours on our files. **We are prepared to take best of care also on rush orders that you may require late in the week.** Wire us your wants, and if we cannot fill order and wire to that effect, you may rest assured that it is not necessary to try further parties for it.

Mention The Review when you write.

BUCKLEY'S Plants and Rooted Cuttings

GERANIUMS, 25,000 Rooted Cuttings, all strong selected top cuttings, ready for 2½-in. pots, is the kind of stock we send out of the following superb varieties:—Brianti, Heteranthe, Grant, S. A. Nutt, Beaute Poitevine, E. G. Hill, Frances Perkins, Athlete, Mme. Jaulin, Mme. Bruant, La Favorite, Mrs. J. M. Gaar, $2.00 per 100; $18.00 per 1000. Same varieties N X strong, 2½-in., $2.50 per 100. Rose Geraniums, 2½-inch, $2.50 per 100.

PETUNIAS, double fringed, 8 varieties selected from Henderson and Dreer's latest sorts, also including White Fawn, Mrs. F. Sander and Pink Beauty. Large selected top cuttings, well rooted, $1.25 per 100, $10.00 per 1000.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cuting, $1.00 per 100. Louise Bonnaft, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2¼-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Violet Runners.

Strong Rooted Runners Princess of Wales, from soil, **$1.00** per 100; **$6.00** per 1000. Cash with order.

HEIM BROS, Blue Island, Illinois.

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

Special Trade List for the month of APRIL.

	Per 100
Asparagus Cornuensis. This is a novelty of great merit. It looks similar to Asparagus Plumosus, but grows much more vigorous, and will make very long strings in a shorter time. 2-inch pots	$4.00
Asparagus Plumosus, 2-inch pots	3.00
Alyssum Double Giant, 2½-inch pots	3.00
Ageratum Princess Victoria Louise, new, 2½-inch pots	3.00
" Princess Pauline, 3-inch pots	5.00
" dwarf, dark blue, 3-inch pots	3.00
Clematis, large-flowering varieties, 2 years old	per doz., $4.00
Clematis Paniculata, 2 years old, 4-inch pots	10.00
" 1 year old, 3-inch pots	5.00
Carnation Ethel Crocker, strong plants, 2½-inch pots	3.00
" Lizzie McGowan and Wm. Scott, 2½-inch pots	2.00
Geraniums, best bedding varieties, strong plants, 3-inch pots	4.00
" America, the best single light pink, 3-inch pots	8.00
" Mars and Le Pilot, 3-inch pots	5.00
Lobelia Pumila Splendens, new, dark blue, white eye, 2½-inch pots	4.00
" Emperor William, 2½-inch pots	3.00
Forget-me-not, Alpestris, blue, white and pink clumps	3.00
Periwinkle, variegated, 4-inch pots	per doz., $1.00
" 2½-inch pots	3.00
Passiflora Cærulea, Pfordti, 3-inch pots	5.00
Salvias Splendens and Clara Bedman, 2½-inch pots	3.00

We can supply any quantity of Rooted Cuttings **Chrysanthemums, Carnations, Verbenas, Coleus, Alternantheras, Geraniums.** Prices of these on application.

C. EISELE, 11th and Jefferson Sts., Philadelphia.

Mention The Review when you write

New Aster DAYBREAK.

A splendid novelty for florists. Color same as Daybreak pink. Extra for cutting. Seed saved from the best flowers only.

Price—Trade packet, 25c; ¼ oz., 50c; oz., $1.50. Semple's Lavender Aster, 50c per oz. Mignon Aster, mixed, fine, ¼ oz., 25c; oz., 75c.

ELLIS BROS., Keene, N. H.

THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Always mention the Florists' Review when writing advertisers.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street, Chicago.

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Advertising rates: Per inch, $1.00; ¼ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

HEATING.

In reply to the inquiry of Mr. J. G. W., in a very short house he could get fair results by running the 4-inch overhead main to the far end of the house, and the returns under the benches to the boiler, which should be placed with its return connection just below the ground level, but I would not advise this on a long house used for commercial purposes.

In order to get the most effective and economical results the boiler should be placed with its flow connect on below the ground line. The cost of a cellar or pit is not a serious matter, even were the ground to be wet, compared with the ultimate economy and the more perfect results thus obtained.

Four-inch water pipes give good results, especially when but little attention can be given to the heating of the houses, but with good management far better results are obtained by a circulation through 2-inch pipes.

HENRY W. GIBBONS.

New York.

We have received a copy of the report of the Committee on Entomology by Professor F. M. Webster, reprinted from the Ohio Horticultural Report for 1900. It contains much valuable information regarding treatment for insect pests in the nursery and orchard. The report shows that over 150 nurseries were inspected, that 7,270 trees were destroyed, and that 22,033 trees and 28,700 shrubs were treated by the inspectors. Prof. Webster has also issued a reprint from the journal of the Columbus (Ohio) Horticultural Society of his "Notes on the Longicorn Beetles Affecting Growing Nursery Stock," which is illustrated by several engravings.

South Framingham, Mass.—C. J. Power, the well-known florist, died March 24, aged 76 years. He retired from active business several years ago.

Vincennes, Ind.—W. A. Rieman will add several new houses this season.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

Wholesale Growers of and Dealers in CUT FLOWERS

Greenhouses at Hinsdale Ill.

Mention The Review when you write.

A. L. RANDALL,

Wholesale Florist

Don't forget we are at 4 WASHINGTON STREET, CHICAGO.

Write for special quotations on large orders.

Mention The Review when you write.

E. C. AMLING

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.

32, 34, 36 Randolph St.

CHICAGO, ILL.

Mention The Review when you write.

BENTHEY & CO.

P. F. BENTHEY, Mgr.

WHOLESALE AND COMMISSION Florists. Consignments Solicited.

41 Randolph St. CHICAGO.

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WIETOR BROS.

Wholesale Growers of Cut Flowers.

All telegraph and telephone orders given prompt attention.

51 Wabash Avenue, CHICAGO

Mention The Review when you write.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

The Cincinnati Cut Flower Co.,

416 Walnut St., CINCINNATI, O. Wholesale Florists.

Consignments Solicited.
Special Attention given to Shipping Orders.

Mention The Review when you write.

POEHLMANN BROS.

Wholesale Growers of and Dealers in

CUT FLOWERS,

51 WABASH AVENUE, CHICAGO.

Mention The Review when you write.

H. G. Berning

WHOLESALE FLORIST,

1322 Pine Street, ST. LOUIS, MO.

Mention The Review when you write.

FRANK M. ELLIS,

Wholesale Florist,

1316 Pine Street, - - ST. LOUIS, MO.

Telephone Kinloch C 74.

CONSIGNMENTS SOLICITED

Mention The Review when you write.

CUT FLOWERS...

Shipping orders receive prompt and careful attention.

C. C. POLLWORTH CO., MILWAUKEE, WIS.

Mention The Review when you write.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

and Dealers in all kinds of **Florists' Supplies.**

42 and 44 East Randolph St., CHICAGO, ILL.

EASTER PRICE LIST.

Subject to change without notice.

	Price per 100
Am. Beauties, short	$10 00 to $12 50
Am. Beauties, medium	15 00 to 18 00
Am. Beauties, fancy, fair length	25 00 to 35 00
Am. Beauties, long	50 00 to 75 00
Meteors	8 00 to 10 00
Brides, Maids, extra select	6 00 to 8 00
Meteors, Brides, Maids, good average	5 00 to 7 00
Perles, extra select	4 00 to 6 00
Roses, our selection	4 00 to 5 00
Carnations, special fancy varieties	6 00
Carnations, choice	4 00 to 5 00
Carnations, good average	2 50 to 3 50
Carnations, our selection	2 00 to 2 50

P. and D. at cost.

	Price per 100
Violets and Pansies	$ 60 to $1 00
Valley, our specialty the best	3 00 to 4 00
Smilax per dozen, $2 50 to $3 00	
Harrisii	12 50 to 15 00
Callas	12 50 to 15 00
Tulips, single and double	3 00 to 4 00
Daffodils, single and double	2 00 to 4 00
Daisy, Forget-me-not	75 to 1 00
Adiantum	1 00
Asparagus per string, $ 60 to $ 75	
Galax per 1000, 1 00 to 1 25	
Common Ferns, per 1000	2 50

Mention The Review when you write.

WEILAND & RISCH

can save you money on

Cut Flowers

We are extensive growers and have unsurpassed shipping facilities.

WRITE OR TELEGRAPH.

59 Wabash Avenue, CHICAGO.

Mention The Review when you write.

PLANTS -- PLANTS -- PLANTS

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 2½-in	5.00
Boston Fern, true, 3½-in	5.00
New Geranium De Roo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud, 3-in	10.00
Alternantheras, red, also pink, 2½-in	1.50
Sedum Variegatum, border plant, 2½-in	1.50
Cigar Plant, 2½-in	1.50
California Moss, hanging basket plant, 2½-in.	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2½-in	1.50

	Per 100
Vinca, green trailing, 2½-in	$1.50
Vinca, green trailing, 6-in	15.00
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in.	1.50
Heliotropes, mixed, 2½-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Petunias, choice double mixed, 4-in	5.00
	Per 1000
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rate, 250 at 1000 rate. Cash or C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR

BRONZE

GALAX LEAVES, Delivered NOW FREE anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. **Fifty** leaves mailed for **Ten** Cents.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write

Variegated Vinca, Transplanted plants from flats, by mail, prepaid, $1.50 pr 100. Primula Veris and Aquilegia Chrysantha, 2¼-in., $2.00 per 100.

For Spring Delivery—Hardy Herbaceous Plants, strong, field-grown, as follows: Aquilegia, single and double mixed, Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilla Paniculata, $5.00 per 100. Cash with order, please.

CHARLES S. DUTTON,
85 W. 12th St., Holland, Mich.

Mention The Review when you write.

Special in Perles and Woottons,

in 2 and 2¼-inch stock. Extra fine Plants.

American Beauties. We have a few hundred of each in 3 and 4-inch that are extras. Will be ready to ship out April 15th. Get your order in early for a few.

Carnations. It will soon be ready to plant out.

We have a fine lot in 2-inch.
Write us your wants.

LILIES FOR EASTER.

GERANIUMS, Red, Pink, White and Salmon.
SMILAX, fine, 2-inch. **CANNAS** in 4-inch.
Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write

Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

JOHN WELSH YOUNG,
Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R.

Asparagus.

	Per 100
Plumosus, 3-inch, strong,	$10.00; 4-inch	$15.00
Sprengeri, 2-inch,	$5.00; 3-inch,	$8.00; 4-inch,	12.00
Primula Chinensis, white and pink, 3-inch,	6.00
" " 4-inch,	10.00
Rex Begonias	5.00
Ageratum Stella Gurney and Princess Pauline	3.00
Alyssum Large Flowering and Tom Thumb	3.00
Agathea Blue Daisy	3.00
Abutilons Mixed	4.00
Begonias, Rubra	4.00
" Flowering in variety	2.50
Cannas....per 100, $5.00	Geraniums	4.00
Cuphea.... " 3.00	German Ivy	4.00
Coleus.... " 3.00	Feverfew, 3-inch	5.00
Fuchsias.. " 3.00	Hibiscus, 4-inch	10.00
Lantanas.. " 4.00	Marguerite Daisy	4.00
Lobelia... " 3.00	Salvias	3.00

I. N. KRAMER & SON,
Cedar Rapids, Iowa.

CANNAS, VIOLETS, RUDBECKIA, field-grown, strong, Austria, 2 to 5 eyes, $1.50 per 100. Rudbeckia Golden Glow, $2.00 per 100. California Violets, field-grown, heavy rooted runners, 75c per 100; guaranteed satisfactory. **City Greenhouses, 7th St., and 31st Ave., Meridian, Mississippi.**

Always mention the Florists' Review when writing advertisers.

SAMUEL S. PENNOCK. **Wholesale Florist**

Open from 7:00 A. M. to 9:00 P. M.

American Beauties and Valley Our Specialties. **1612-14-16-18 Ludlow St., Philadelphia, Pa.**

Mention The Review when you write.

DENVER, COLO.

Trade Conditions.

Trade has been fairly good to date, and the first effects of Easter are felt. The weather has been unsettled for the past two weeks and considerable anxiety is felt whether it will continue so. Considerable stock is to be seen around and the weather will have to be good to unload it all. Though not overplentiful, lilies show up in good quantities and of good quality; azaleas just about enough and good. Spiraea shows up rather heavy, but being particularly good should go off without any trouble. There will also be some fine Deutzias, which so far have sold well. A good amount of lilies will also be offered. About the best thing seen is some well grown Ramblers, the Park Floral Company having a good lot of them. The stores all lean to baskets, and no doubt a big trade will be done in plant baskets.

The supply of cut flowers will perhaps not be equal to that of last year. Still there should be enough to go around when one stops to consider the plant trade. By the time you are through seling plants there is very little time left to sell flowers.

News Items.

Miss Simpkins, for many years an able hand at the Park Floral Company's store, is on the sick list and will not be with us this Easter. Her loss will be felt very much, for she was well liked by the customers and was an artistic worker and a hustler.

I was glad to see that the "P. F. N. B. L." (is that right?) has started something new in the way of bowling. I think the idea of a three-man tournament a good one, but should not like to see the old six-man team interfered with in any way. Shall be pleased to send in a few suggestions a little later on.

Rocky.

Fremont, O.—The firm of Horn & Wetzel is to be dissolved, Mr. Wetzel continuing the business.

St. Louis, Mich.—L. B. Longwell's greenhouse was burned March 28; no insurance.

Waitsburg, Wash.—Charles Phillips, the Walla Walla florist, has charge of planting the new park in this city.

La Crescent, Minn.—John S. Harris, the well-known horticulturist, died recently, aged 75 years.

Pecatonica, Ill.—R. J. Winchester, of J. Winchester & Son, was married March 20.

Brampton, Ont.—The Dale estate will add four houses each over 800 feet long.

Ames, Mich.—E. Ferrand & Son are adding a new house, 27x100.

Detroit, Mich.—George A. Rackham will add two new carnation houses.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

NOVELTIES OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1899 varieties. This year's leader is our new dwarf **"Little Pink."** No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. **"Clyde"** is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 Bedder. All of this year's **New Carnations,** also standard sorts.

Send for our descriptive price list, which also tells you something of the **best Garden Wheel Hoe on earth.** **W. E. HALL, CLYDE, O.**

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Burpee's Seeds Grow

ROSES.

Strong plants, well established in 2½-in. pots, **$2.50** per 100; **$20.00** per 1000; 25 at 100 rate; 250 at 1000 rate.

GOLDEN GATE steadily grows in favor.
BURBANK (Improved Hermosa).
MOSELLA (Yellow Soupert).

Etoile De Lyon, White M. Niel, Gen. Lee, Mrs. Degraw, Climbing Meteor, Maman Cochet, Sylph, Mme. Berthod, Media, Cath. Guillot, Marie Van Houtte, H. M. Stanley, Cl's Lily Kingsly, Jeanne Chabaud, Helen Cambier, F. Kruger, Bridesmaid, Muriel Graham.

Strong 2-year-old plants in assortment, **75c** per doz.; **$8.00** per 100.

GERANIUMS, 2½-in., **$2.50** per 100; **$20.00** per 1000.

S. A. Nutt, La Favorite, J. Doyle, F. Perkins, Triumph de Nancy, Le Pilot, Frances E. Willard, Double New Life, Gen. Grant, Jas. Y. Murkland.

BOSTON FERNS, 2½-in. pots, 5 to 7 fronds; will grow into value quickly, **$3.00** per 100; **$25.00** per 1000. 4-inch shapely plants, **$1.00** per dozen; **$8.00** per 100.

Asparagus Tenuissimus, 2½-in., **$3.00** per 100. Canna Austria, started plants, **$3.00** per 100.

THE JOHN A. DOYLE CO.,
Springfield, Ohio.

Mention The Review when you write.

ROSES from 5-in. pots, at 9c; fine clean plants, Bridesmaid, Soupert, La Fraicheur, Gen. Jacqueminot, Coquette des Blanches, Coquette des Alpes, Malmaison, etc. Large flowered **Clematis,** finest purple, white and lavender sorts, extra strong, 3-year, 30c; fine 2-year, dormant or from 5-in. pots, 15c; fine 1-year at very moderate prices. **Clematis Paniculata,** strong dormant plants, 8c; from 5-in. pots, 10c. **Peonies,** strong roots, best red sorts, 5c. Also several thousand Houghton and Smith Imp. **Gooseberry,** 1 year, branched and rooted layers, fine for mail trade, at $3.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.
Mention The Review when you write.

Grafted Roses.

LIBERTY,
$18.00 per hundred.

MAIDS, BRIDES, GOLDEN GATES,
$12.00 per hundred.
$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

J. L. DILLON, - BLOOMSBURG, PA.

New Roses

THE BALTIMORE (Certificated), color a light pink and of the largest size, flowers throughout the entire season. **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street. BALTIMORE, MD.

Nephrolepis Wittboldii.

Plant of Nephrolepis Wittboldii.

If you have'nt yet obtained a stock of this grand new commercial fern you will make a mistake if you do not do so at once. A dozen plants now will be the best investment you ever made.

HENRY A. DREER, of Philadelphia, says it is

"A Most Valuable Decorative Fern."

All who have bought it recognize it as possessing those qualities that will make it a money maker from the start.

A. J. BALDWIN, Newark, O., says it is

"The Great Fern of the Future."

J. PAULUS, Chicago, says:

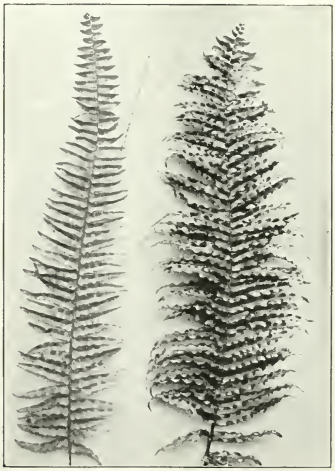
"In reproducing it equals the Boston Fern."

Remember we are not sending out weak, puny plants, but Strong, Vigorous Stock that will immediately produce runners if planted out in the bench.

We are offering fine plants, ready for 3 and 4-in. pots,

at $1.00 each, $10.00 per doz., $75.00 per 100.

See our offers of PALMS, FERNS, ASPARAGUS, ARAUCARIAS and FICUS in Classified Advs. in this issue of the Review.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

THE GEO. WITTBOLD CO., 1657 BUCKINGHAM PLACE, CHICAGO.

NOT BAD SOWING.

Dear Editor: I notice that in your issue of March 21 a correspondent signing himself "Phil" has attempted to impress upon my friends and the public that the sowing done by myself or under my management caused a failure of the greenhouse end of the business I sold last year, and suggests that the results will be more satisfactory when the present owners can reap from their own sowing.

"Phil" has no foundation for such an attack upon my place and men. He has been falsely informed or has allowed his imagination to run away with him. The houses that were planted with roses at the time the place was turned over to my successor were in first-class condition and had made good, vigorous growth, producing good flowers until some time in November, when for some reasons that I had nothing to do with they had a very bad setback and many were thrown out. The carnations were in the field and were good, healthy stock. I turned the place over the first of September, 1900.

In defense of my foreman and all others in my employ, I remain, yours,

E. Hippard.

[We feel sure that our correspondent meant no reflection upon Mr. Hippard or his employes in the paragraph referred to. However, we give space to the communication.—Ed.]

FRANKLIN, PA.

W. T. Bell & Sons have bought twenty-seven acres of land at Niles Station, on the L. S. & M. S. R. R., five miles from this place, and early in the season will build two carnation houses, each 27x200 feet; the product from which will be sent to their larger place in Franklin, or shipped direct to customers. Water from a fine spring will be piped more than half a mile, and will give a pressure of sixty pounds in the houses.

A large stock of young carnation plants in excellent condition is now in two-inch pots ready for planting out at the new place as soon as the weather will permit; and a portion of the material for the buildings, including glass, has already been bought. This addition will give them 35,000 square feet of glass to use.

W. T. Bell, the father, has been engaged in business here as a florist for more than thirty-two years; while the sons, John and Philip, were admitted to the partnership three years since.

Piqua, O.—The Piqua Floral Co. are building a three-quarter span house 12x65 for carnations. They had fair success last season and will endeavor to improve their stock this year. They have opened a seed and cut flower store down town with Mr. F. H. Frisch in charge.

Catskill, N. Y.—Henry Hansen reports that trade has been brisk all winter with an excellent call for carnations. Easter promises to be ahead of last year. He has a fine lot of lilies and bulbous stock in prime condition. He will add another house for carnations this season.

Anyone having Iris Kaempferii would find ready customers by offering it in our advertising columns.

Clematis Paniculata,

100,000 SHRUBS.

Hydrangeas, Roses, Privet, Phlox,

IN LARGE QUANTITIES.

ELIZABETH NURSERY CO.

ELIZABETH, N. J.

SEND FOR CATALOGUE.

Mention THE REVIEW when you write.

Trees, Vines, Shrubs, Hedging.

2,000 *Beech.* European and Purple Leaved.
3,000 *Elms.* American and European.
500 *Japan* Gingko.
2,000 *Lindens.* American and European.
1,000 *Magnolias.* In variety.
50,000 *Maples.* Norway, Sugar, etc.
10,000 *Oaks.* Pin, Red, Scarlet and English.
10,000 *Oriental Plane.* 6 to 12 feet.
75,000 *California Privet.* 1 & 2 yrs.
1,000,000 *Shrubs.* All varieties & sizes.
10,000 *Clematis Paniculata.*
10,000 *Rosa Wichuraiana* & Hybrids.
5,000 *Rosa Multiflora Japanicra.*
10,000 *Honeysuckles.* Halls', etc.
5,000 *Dahlias.* Whole roots.
100,000 *Asparagus.*
Very strong; 5 varieties.
2,500 *Rhododendrons,*
Azaleas and *Kalmias.*
500,000 *Evergreens.*
Of all sizes, including Hemlocks, Norways, Colorado Blue, Oriental and Weeping Spruces, Arbor-Vitaes, Retinosporas, Pines in variety.
Root pruned and sheared specimens.

Trade list; also new illustrated retail catalogue free.

THE WM. H. MOON CO., MORRISVILLE, PA.

Mention THE REVIEW when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $4.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

Willowdale Nurseries.

We offer for the spring trade a full assortment of **Fruit Trees, Small Fruits, Shade Trees, Evergreens, Shrubbery and Hedge Plants.** A large stock of **Kieffer Pear** and **York Imperial Apple,** first class and medium.

Norway Spruce, American Arbor-vitæ, Hemlock Spruce, Osage Orange and **California Privet for Hedges.**
100,000 Peach Trees.

RAKESTRAW & PYLE, Kennett Square, Pa.

Mention The Review when you write.

...PINK ARMAZINDY...

This picture shows a house of our sport, Pink Armazindy, from a photograph taken just after the big snow storm and just after our daily cut.

It is a great producer and a fine seller, one of the best Carnations we ever grew. We are offering ROOTED CUTTINGS of it at **$6** per hundred, **$50** per thousand.

See our full list of Rooted Carnation Cuttings in the Classified Advs. in this issue of the Review.

WIETOR BROS, 51 Wabash Avenue, CHICAGO.

Mention The Review when you write.

GERANIUMS.

	Per 100
10 best varieties, 2½-in. pots	**$3.00**
10 " " 3½-in. pots	**4.00**
Alternantheras, yellow, **$1.50;** red	**2.00**
Coleus, 2-in. pot, 15 varieties	**2.00**
Asparagus Sprengeri, 2-in. pot	**2.00**
Asparagus Decumbens	**10.00**
Verbenas, 15 varieties, 2 and 2½-in. pot	**2.00**
Vinca Vines, 2 varieties, 2-in. pot	**3.00**
Smilax Seedlings	**.75**
Pansy Plants	**1.50**
Carnations E. Crocker and F. Hill, 2-inch pot	**4.00**

CASH.

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

Antirrhinum Black Prince.

Introduced from Germany last year.

Finest snap-dragon in cultivation. Grows 2½ feet, very large spike, color a very dark crimson, giving the lustrous effect of red velvet. Fine for cut flowers and will become a standard bedding plant when known. Stock limited. Orders filled in rotation. **$1.00** per doz. Cash, postpaid.

F. W. FLETCHER & CO.,
AUBURNDALE, MASS.

Mention The Review when you write.

PHOENIX NURSERY COMPANY

1215 N. Park Street, BLOOMINGTON, ILL.,

Offers the following WELL GROWN STOCK:	**Per 100**
ADIANTUM, CAPILLUS-VENERIS, 2½-inch pots	$3.00
AGERATUM, PRINCESS PAULINE	2.00
" STELLA GURNEY	3.00
ALTERNANTHERA, sorts	2.00
COLEUS, sorts	2.50
CLEMATIS, DUCHESS EDINBURG, JACKMANI, MADAME EDUOARD ANDRE, strong, 2 and 3 years, well established, from 6-inch pots	25.00
CLEMATIS, PANICULATA, extra well rooted 2½ and 3-inch pots	5.00
LOBELIA, blue, from cuttings, 2½-inch pots, ready to bloom	3.00
ROSES, EMPRESS OF CHINA	2.00
SWAINSONA ALBA, 4-inch pots	6.00
" 3-inch pots	4.00
STEVIA VARIEGATA, 2½-inch pots, fine	5.00
SALVIA ST. LOUIS	5.00
VIOLET, MARIE LOUISE, 2-inch pots, well established	3.00
ROSES, from 4-inch pots. Will make fine plants for April sales. Of very best bedding sorts, mostly 2-year; well branched and well established plants. A. GUINOISEAU, BON SILENE, BRIDE, BRIDESMAID, CLOTHILDE SOUPERT, DR GRILL, ETOILE DE LYON, HERMOSA, HENRY M. STANLEY, MOSELLA, MAMAN COCHET, MARIA GUILLOT, MALMAISON, NIPHETOS, PERLE DES JARDINS, PAPA GONTIER, PRINCESS SAGAN, RAINBOW, SUNSET, SAFRANO	8.00

Mention The Review when you write.

CALADIUM... ...ESCULENTUM

1st size, 9 to 12 inches circ. ..... $4.00 per 100
2d size, 7 to 9 " " ..... 2.00 "

Write for special prices on larger lots to

B. H. RITTER, - PORT ROYAL, S. C.

Mention The Review when you write.

Pansies and Verbenas.

Pansies—Fine transplanted plants of Bugnots, Cassiers, Odier, mixed or separate, 50c per 100, $3 per 1000. Mammoth Verbenas—Large plants, red, pink, white, blue etc., mixed or separate, 60c per 100, $4 per 1000. Heliotrope, mixed, rooted, $1.00 per 100. Ageratum Blue Beauty, best dwarf, new, 75c per 100, rooted.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

CLOSING OUT TO MAKE ROOM.

10,000 KENTIA BELMOREANA

HEALTHY STOCK, in fine condition, Home Grown, 15 to 20 inches high, averaging 4 leaves. $15.00 per 100, $125.00 per 1000.

ORDERS FILLED SUBJECT TO BEING UNSOLD.

SIEBRECHT & SON, - - - NEW ROCHELLE, N. Y.

Mention The Review when you write.

KANSAS CITY, MO.

Easter Outlook.

Will the supply of cut flowers be sufficient to meet the Easter trade is an important question asked by all the retailers. After making a tour of the largest growing establishments, the writer can safely say that we were never better prepared for a plant trade than we are this Easter. Probably the best collection, especially in bulbous stock, was seen at the greenhouses of Samuel Murray. He says it will all sell at his Broadway store this week, and with favorable weather his expectations will be fully realized. In one house was seen 1,500 lily plants with scarcely an inferior bud.

Albert Barbe is well supplied with all the leading plants and his roses and carnations are coming on in full crop. He is cutting a few blooms of the Liberty rose which are gems and we hope it will be grown here more extensively another year. Trade through the month of March was very satisfactory; many report an increase over the same month a year ago and very little stock wasted.

W. L. Rock is branching out and will soon open a second store, which will be located on that part of Elsworth street familiarly known as "Petticoat Lane," the shoppers favorite thoroughfare. The feature of the new place will be a fourteen-foot display window. Mr. Rock will also become a grower and in connection with Mr. Charles Heite, of Merriam, Kan., will form the Rock-Heite Company. Ground has been purchased on Troost avenue, south of the city, within a half-mile of beautiful Forest Hill Cemetery and a better location could not be selected. The enterprise will start this spring with 35,000 feet of glass, the houses to be 300 feet long. The firm intends to grow for the wholesale trade, for which we have a promising field. Both are young men of ability. Up to the present time Mr. Heite has made a specialty of growing carnations in which he has been unusually success-ful and with Mr. Rock's knowledge of the requirements of this market we bespeak the success of the new firm.

Recent visitors were Mr. Wirt, of Parsons, Kan., who reports trade good in the sunflower state, and the strictly business Walter Mott, of Philadelphia.

H. J. M.

THOMPSONVILLE, CONN.—Mr. D. Wm. Brainard made his eighth annual Easter display April 3 to 6 and issued a very neatly printed announcement of same to his customers.

SAN JOSE, CAL.—Over $6,000 will be expended in making the rose carnival a success, this being in addition to what will be done by individuals. Nineteen floats have been already promised.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine.	$ .00	$60.00	Crocker	$2.50	$20.00	Frances Joost	$1.00	$9.00
Guardian Angel	4.00	35.00	Peru	2.50	20.00	Cerise Queen	1.00	9.00
Sunbeam	10.00	75.00	Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	1.25	10.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.50	20.00	Armazindy	1.00	9.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	50.00	Argyle	1.00	9.00	McGowan	1.00	7.50
Marquis	4.00	35.00	Evanston	1.00	9.00	Evelina	1.00	7.50
Genevieve Lord	4.00	35.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$12.00	$100.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00

Perle, $3.00 per 100; $25.00 per 1000.

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready. Price, **$6.00** per 100; **$50.00** per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching, small plants ready for transplanting, 15c per 100; 75c per 1000; $5.00 per 10,000. If by mail add 10c per 100.

LETTUCE.—Grand Rapids, Curled Simpson and other varieties. 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

Mention The Review when you write.

CARNATIONS. Extra Strong R. C. per 100.

Lawson, $4.00; Jubilee, $1.25; Crane, $2.00. Bradt, $1.50; Hill, Scott and Eldorado, each 75c.; per 1000, $6.00.

H. ERNST & SON, WASHINGTON, MO.

Mention The Review when you write.

Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (for Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred **$90.00** per thousand.

C. BESOLD,

MINEOLA, L. I., N. Y.

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Healthy... Rooted Cuttings.

Wm. Scott, **75c** per 100; **$6.00** per 1000.
Helen Keller. ..... **$1.00** per 100.

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NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink; a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel, rocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

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March Prices.

Ethel Crocker has been with me all that I claimed for it, but not with some of the growers. If you can get the results I do it will be your best pink and in order to have it tried a second season I offer it free by mail for $2.50 a 100.

Elm City is a white that has given me excellent results, and as it is comparatively unknown I make the same offer with it—free by mail at $2.50 per 100.

Genevieve Lord, Mrs. Lippincott, White Cloud, Bradt, Olympia, Leslie Paul, Gomez and Maceo at reduced prices for March. Send for them.

ALBERT M. HERR, - LANCASTER, PA.

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On Top—As Usual....

At Baltimore meeting
of American Carnation Society
OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

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SELECTED CARNATIONS.

	Per 100	Per 1000
The Marquis, largest rich pink	$4.00	$35.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

GEO HANCOCK & SON, Grand Haven, Mich.

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Carnations for APRIL DELIVERY...

READY APRIL 1st.

A few thousand Joost left at					$12.00 per 1000
Olympia, $3.00 per 100;		Ethel Crocker,	$2.50 per 100,		20.00 "
Peru,	2.50 "	Mrs. Bradt,	2.50 "		20.00 "
L. Paul,	2.00 "	America,	2.00 "		15.00 "
White Cloud			1.50 "		12.00 "
Flora Hill			1.25 "		10.00 "
Jubilee			1.50 "		12.00 "

Fine healthy cuttings, well rooted. Cash with order please.

BAUR & SMITH, 38th and Senate Avenue, INDIANAPOLIS, IND.

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WE ARE HEADQUARTERS FOR

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All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

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Descriptive Catalogue sent on request.

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Norway

The Queen of Commercial White Carnations. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment. Scored 91 points at Baltimore.

Egypt

A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10.00 per 100; $75.00 per 1000.

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The Greatest Money-Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100; **$50.00** per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; $5.00 per doz.; $30.00 per 100.

Complete List of Other Novelties and Standard Varieties. Catalogue ready; write for it.

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Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. No other Carnation can stand such a test.

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

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50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready.
Standard Varieties and Novelties.

ROSES from 3 inch pots, Brides and Maids, $5.00 per 100. Ready for a shift.
Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

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ROOTED CUTTINGS OF

CARNATIONS!

Let us figure on your wants.

CHICAGO CARNATION CO., Joliet, Ill.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, variegated, fine, 2½-in., $3.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Abutilons, 6 best varieties, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderii, 2½-in., 50c per doz.; $3.00 per 100. Acalyphas triumphans and marginata, 50c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

AGERATUM.

Ageratums. Per 100: Princess Victoria Louise, new, 2½-in., $3.00; Princess Pauline, 3-in., $3.00; dwarf, dark blue, 3-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 288, Nashua, N. H.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratums. Stella Gurney, 2½-in., 50c per doz.; $3.00 per 100; Princess Pauline, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Ageratum Princess Pauline, 2½-in. pots, $2.50 per 100; 3½-in., in bloom, $4.00 per 100; rooted cuttings, 60c per 100, $4.50 per 1,000.
Jerome Harley, Media, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums. Per 100: Princess Pauline, 2½-in., $2.00; Stella Gurney, 2½-in., $3.00.
Phoenix Nursery Co., Bloomington, Ill.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouses, Danville, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratums, 3 best var., 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash.
Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Alternantheras, aurea nana and paronychioides major, rooted cuttings, 60c per 100; $5.00 per 1,000, prepaid. Cash.
G. W. Weatherby, Chillicothe, Mo.

Alternantheras, rooted cuttings, red and yellow, fall struck, 50c per 100; $4.00 per 1,000; 2,000 for $7.00. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100, $4.00 per 1000. Davis Bros., Morrison, Ill.

20,000 alternantheras, red and pink, strong 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Alternantheras, red $2.00, yellow $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Alternanthera, sorts, 2½-in., $2.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

ALYSSUM.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Dbl. sweet alyssum, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Alyssum. Double Giant, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum. Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Dble. sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Kiehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

ANTIRRHINUM.

Antirrhinums, imported, 2½-in., 50c per doz.; $3.00 per 100. Cash.
George M. Brinkerhoff, Springfield, Ill.

AQUATICS.

We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rare hardy water lilies; also the Sacred Lotus and its varieties. Grown and for sale by W. J. Richards, Wayland, Portage Co., Ohio. Write for catalogue.

ARAUCARIAS.

	Each.	Doz.
Excelsa, 4-in., nice plants..........	$ .50	$ 6.00
Excelsa, 4-in., better plants.........	.75	9.00
Excelsa, 5-in., nice plants..........	1.00	12.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Araucarias, large plants with 4 and 5 tiers, $1.00 each; $10.00 per doz. J. W. Howard, 330 Broadway, Somerville, Mass.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	16.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus cormorensis, a novelty of great merit, 2-in., $4.00 per 100. A. plumosus, 2-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., 40c per doz.; $2.50 per 100. A. plumosus, 2½-in., 60c per doz.; $3.50 per 100. Good & Reese Co., Springfield, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus. 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus plumosus nanus. Cut strings, 8-ft. long, 50c each, shipped to any part of the country. W. H. Elliott, Brighton, Mass.

Asparagus Sprengeri, 2-in., $2.00; A. decumbens, $10.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100.
Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus tenuissimus, 2½-in., $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BEDDING PLANTS.

Echeveria californica, very choice, $3.00 per 100; rooted offsets, $1.25 per 100. Sempervivum (hen and chickens), $2.50 per 100; offsets, $1.00 per 100. Echeverias orbiculata and arborescens, 75c per doz. Mrs. M. E. Patterson, Glendale, Cal.

BEGONIAS.

Rex Begonia Cuttings. A great bargain. Our collection is very fine, including many elegant varieties. These are fine, well rooted cuttings, with from one to three leaves. Will make fine plants in a few weeks. They are going at a bargain to make room. $1.75 per 100; $15.00 per 1,000; 500 at the thousand rate. G. R. Gause & Co., Earlham View Greenhouses, Richmond, Ind. Cash, please.

Begonia Gloire de Lorraine, 2¼-in. pots, $15.00 per 100. Begonia Gloire de Lorraine nana compacta, 2¼-in. pots, $15.00 per 100. This stock guarantee absolutely free from disease. Thomas Roland, Nahant, Mass.

Begonias, 8 best flowering kinds, 2½-in., 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

Begonias Erfordii and Sandersoni, 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, 2½-in., 75c per doz.; $6.00 per 100.
Good & Reese Co., Springfield, Ohio.

BULBS.

Double Pearl tuberoses, largest size, 80c per 100; $5.00 per 1,000. Lilium auratum, 7 to 9, $4.50 per 100; $40.00 per 1,000; 9 to 11, $6.50 per 100, $60.00 per 1,000. Lilium spec. album Kraetzeri, 9 to 11, $6.50 per 100; $60.00 per 1,000. Lilium spec. melpomene, 9 to 11, $7.00 per 100, $65.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Caladium esculentum, 5 to 7 size, 100......	$3.00
Caladium esculentum, 7 to 9 size, 100......	5.00
Caladium esculentum, 9 to 11 size, 100.....	8.00
Tuberoses, first size, Pearl........	$7.00 per 1,000
Tuberoses, second size, Pearl.....	4.00 per 1,000

Don't fail to get our 12-page catalog; just issued. PLANT SEED CO., St. Louis, Mo.

Fine excelsior pearl tuberoses, 4 to 6-in., $4.00 per 1,000; 3 to 4-in., $2.00 per 1,000. Caladium esculentum. Magnolias, 1-ft.; Cape Jessamine (grandiflora), Ampelopsis Veitchii, 2 to 3-ft., cyperus alternifolius, ready for 4-in. pots; cannas. Write for lowest prices. Gulf Coast Nurseries, Galveston Co., Dickinson, Tex.

Richardia alba maculata bulbs.

	Inch dia.	Per 100.
500 1st size	2½ to 3	$2.50
700 2d size	2 to 2½	2.00
1,000 3d size	1½ to 2	1.50

The lot, 2,200 bulbs, for $35.00.
H. T. & A. H. Funnell, Huntington, N. Y.

Caladium esculentum, good bulbs, 50c per doz., $3.50 per 100; extra strong, $1.00 per doz., $6.50 per 100. Callas, good blooming bulbs, 75c per doz., $6.00 per 100. Dwarf pearl tuberoses, 75c per doz., $6.50 per 100.
Good & Reese Co., Springfield, Ohio.

FANCY CALADIUMS. 25 best named varieties, extra large bulbs, $5.50 per 100; $50.00 per 1,000. Also 5,000 gladiolas, fine mixed, $1.50 per 100; $12.00 per 1,000. Cash with order. W. Nelson, P. O. Box 1450, Paterson, N. J.

I am now prepared to quote prices on all summer, fall and winter bulbs, tuberous roots and plants. Send in your lists, prices will be cheerfully submitted. F. W. O. Schmitz, Jersey City, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros.. Englewood, N. J.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Caladium esc., 1st size, 9-12, $4.00 per 100; 2nd size, 7 to 9, $2.00 per 100. B. H. Ritter, Port Royal, S. C.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

Caladium esc., from 3-5 up to 12-in., in circ., $5.00 per barrel. Cash.
C. G. Nanz, Owensboro, Ky.

CANNAS.

For Sale—Lot of Canna Roots such as Philadelphia, Burbank, Italia, and 15 to 20 other sorts, all choice, at $1.75 per 100 or $17.00 per 1,000. Clumps of 2 to 3 eyes. Will exchange for large specimen Areca Lutescens or other decorative stock. Wanted—Lot of second-hand Sash Bars. State lengths, giving lowest price. Seaside Greenhouses, Charleston, S. C.

Chas. Henderson, Queen Charlotte, Paul Bruant, Egandale, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Sophia Buchner, Austria, Burbank, Oriole, Am. Flag, dormant roots, $2.50 per 100. Cash.
G. W. Weatherby, Chillicothe, Mo.

The new canna Golden Age, a beautiful, rich-golden, fine-petaled canna without spots or stripes; nothing like it in existence. Strong roots, 2 and 3 eyes, 20c each; $2.00 per doz. Express prepaid. G. P. Moore, Ocean City N. J.

Cannas. Strong roots of the best varieties. Italia, Austria, Vaughan, Allemania, America, Charlotte, etc., per 100, $2.00. Cash with order. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

300 large bronze-leaved cannas, 7 to 8 ft., $1.00 per 100. 300 large green-leaved cannas, 5 to 6 ft., 75c per 100. Tuberoses, small side bulbs for growing on, $1.00 per 1,000.
James P. Wilson, Olney, Ill.

Cannas. Chas. Henderson, A. Bouvier, L. E. Baily, F. Vaughan, Burbank, Egandale, Mme. Crozy, Queen Charlotte, in variety, $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Allemania, Burbank, Austria and Partenope, strong roots, $3.00 per 100, or will exchange for carnations, roses, mums, etc. Ernst Nitsche, Dallas, Tex.

700 Austria, 400 Italia, 200 Chas. Henderson, 200 Burbank, 100 Pres. McKinley; dry bulbs, 2 to 3 eyes, $2.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Austria, 1c; Henderson, 1½c; M. Berot, Secy. Chabonne, W. Beck, 3c; Allemania, 4c. Betscher Bros., Canal Dover, Ohio.

Cannas, started in pots, best sorts, 60c per doz.; $4.00 per 100.
Good & Reese Co., Springfield, Ohio.

Austria, strong, field-grown; 2 to 5 eyes, $1.50 per 100. City Greenhouses, Meridian, Miss.

Canna Austria, started plants, $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.
THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100; $30.00 per 1000; Lawson, $7.00 per 100; $60.00 per 1000; G. Lord, $6.00 per 100; $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.
We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

ROOTED CARNATION CUTTINGS. Ethel Crocker, $4.00 per 100, $30.00 per 1000; Mrs. Dean, Frances Joost, White Cloud, Flora Hill, $2.00 per 100, $15.00 per 1000; G. H. Crane, $3.00 per 100, $25.00 per 1000; Scott, Rose Queen, Thos. Cartledge, Lizzie McGowan, Eldorado, Kitty Clover, $1.00 per 100, $8.00 per 1000. Rakestraw & Pyle, Willowdale Nurseries, Willowdale, Pa.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

sorts.	100.	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	3.00	25.00
America	1.25	10.00
Mrs. Bradt	2.50	20.00
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
McGowan	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

Carnations for April delivery; ready April 1.

	100.	1,000
Crocker	$2.50	$20.00
F. Joost	....	12.00
Bradt	2.50	20.00
America	2.00	15.00
Olympia	3.00	....
Peru	2.50	....
L. Paul	2.00	....
White Cloud	1.50	12.00
Flora Hill	1.25	10.00
Jubilee	1.50	12.00

Fine, healthy cuttings, well rooted. Cash with order. BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

Rooted Carnation Cuttings. A1.

	100	1,000.		100.	1,000.
G. Nugget	$2.50	$20.00	Dana	1.25	10.00
Meteor	2.00	17.00	Evanston	1.25	10.00
Morello	2.00	17.00	Armazindy	1.25	10.00
Bridesm'd	1.50	12.50	Scott	1.00	8.50
Victor	1.50	12.50	Nina	1.00	8.50
Hill	1.50	12.50	McGowan	1.00	7.50
Eldorado	1.50	12.50	Portia	1.00	7.50

Will exchange for rooted cuttings of other varieties. Llewellyn, Olean, N. Y.

Carnations, well rooted stock from sand. Mrs. Bertram Lippincott. Light pink, good commercial variety; $5.00 per 100; $40.00 per 1,000. Also all other standard varieties at regular prices. Cash with order. John Kuhn, Olney, Philadelphia, Pa.

CARNATION ROOTED CUTTINGS. Ready now. Clean, healthy, well [illegible] stock; none better.

	100.	1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	35.00
Ethel Crocker	2.00	15.00
Mrs. George Bradt	3.00	25.00
G. H. Crane	[illegible]	[illegible]
White Cloud	2.00	15.00
Flora Hill	1.50	10.00
Mrs. Frances Joost	1.50	12.50
Wm. Scott	1.00	10.00
Bon Ton	1.00	10.00

EVENDEN BROS., Williamsport, Pa.

Carnation cuttings from sand and soil. Lawson, $5.50 per 100; $50.00 per 1,000. Marquis, Lord, $4.00 per 100; $35.00 per 1,000; Crocker, Bradt, Crane, Maceo, $2.50 per 100; $20.00 per 1,000. Joost, White Cloud, Dean, $2.00 per 100; $15.00 per 1,000. Daybreak, New York, Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Asparagus plumosus and A. Sprengeri, ready for 2½-in. pots, $2.00 per 100. Vinca var. from 4-in., $8.00 per 100. Cash with order. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Carnations; strong, well-rooted cuttings. McGowan, Psyche, Seneca Chief, $1.00 per 100. New York, Albertini, Evelina, Flora Hill, Wm. Scott, Peachblow, Conch Shell, $1.50 per 100. Uncle Walter, John Young, White Cloud, Gov. Griggs, Oneida, Red Jacket, Painted Lady, $2.00 per 100. G. H. Crane, America, Lily Dean, Melba, E. Crocker, $3.00 per 100. Marquis, Mrs. B. Lippincott, $5.00 per 100. Walker & McLean, 115 W. Federal St., Youngstown, Ohio.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, Estelle, $6.00 per 100; $50.00 per 1,000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1,000. Crocker, Crane, America, Nugget, L. Paul, $2.50 per 100; $23.00 per 1,000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Ethel Crocker has been, with me, all that I claimed for it. In order to have it tried a second season I offer it free by mail for $2.50 per 100. Elm City (white) has given excellent results, free by mail at $2.50 per 100. Lord, Lippincott, White Cloud, Bradt, Olympia, Paul, Gomez and Maceo at reduced prices for March. Albert M. Herr, Lancaster, Pa.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO.,
Nixon H. Gano, Mgr., Martinsville, Ind.

Rooted cuttings now ready.

	Per 100.	Per 1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	40.00
G. H. Crane	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
William Scott	1.50	10.00

A. L. Thorne, Flushing, N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings, $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000; 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Unrooted carnation cuttings of Triumph, Flora Hill and Scott at 50c per 100. Will exchange for rose stock.
E. C. Newbury, Mitchell, So. Dak.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

CARNATIONS—Continued.

ROOTED CARNATION CUTTINGS

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

Good strong rooted carnation cuttings—per 100: Albertini, Bridesmaid, Triomph, Wm. Scott, at $1.00; Daybreak, Flora Hill, at $1.50; Jubilee, Morello, at $2.00; Mrs. Bradt, Chicago, Peru, at $2.50. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Carnations, from flats for field planting. We have to spare a few thousand of the following: New York, Tidal Wave, Daybreak, McGowan, at $1.00 per 100. Order now. Plants will be shipped first part of May. Wm. Geenen, Kimberly, Wis.

Carnations, extra strong rooted cuttings. Per 100: Lawson, $4.00; Jubilee, $1.25; Crane, $2.00; Bradt, $1.50. Hill, Scott and Eldorado, 75c per 100; $6.00 per 1000. H. Ernst & Son, Washington, Mo.

Ethel Crocker, strong plants, 2½-in., $3.00 per 100. Lizzie McGowan and Scott, 2½-in., $2.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Carnation rooted cuttings. Clean, healthy stock. Wm. Scott, 75c per 100; $6.00 per 1,000. Helen Keller, $1.00 per 100. John R. Shreiner, Lancaster, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

600 rooted cuttings of Marquis carnations for sale, or will exchange for red and yellow coleus. James C. Murray, Peoria, Ill.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Send for list and prices of the new carnations; also the leading standard varieties. Wm. Swayne, Box 226, Kennett Square, Pa.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Ethel Crocker carnation plants out of 2-in. pots, $2.00 per 100. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

All this year's new carnations; also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Ethel Crocker and Flora Hill, 2-in. pots, $4.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Daybreak carnation cuttings, $8.00 per 1,000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

We have an extra fine lot of carnations in 2-in. pots. Geo. A. Kuhl, Pekin, Ill.

Portia, extra select rooted cuttings, $1.50 per 100. Geo. Smith, Manchester, Vt.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. Merry Monarch, white and yellow; Glory of the Pacific, Polly Rose, Robinson, Ivory, white and pink; Bonnaffon, Rieman, Jerome Jones, and 25 other best varieties. Rooted cuttings, from sand, 75 cts.; from soil $1.25 per 100. G. F. Neipp, Woodhaven Postoffice, Aqueduct, N. Y.

Chrysanthemums. Rooted cuttings now ready. Good, clean stock. Glory Pacific, Golden Wedding, W. H. Lincoln, Major Bonnaffon, Ivory, Niveus, $1.00 per 100; 2¼-in. pots, $2.00 per 100. Cash with order. Miller & Clark, Jamesville, Onohdaga Co., N. Y.

Chrysanthemums (rooted cuttings), Walter Molatsch, grand early yellow, $4.00 per 100. Ivory, Bonnaffon, Mrs. Jerome Jones, Polly Rose, Murdoch, at $10.00 per 1000, or $1.25 per 100. Cash with order. Paul Brummer, Corona (L. I.), N. Y.

Choice rooted cuttings of Robinson, $2.00 per 100; 2-in. pots, $3.00 per 100. Bonnaffon, Modesto, Jerome Jones and Ivory, rooted cuttings, $1.00 per 100; 2-in. pots, $2.00 per 100. Cash please. Frank Garland, Des Plaines, Ill.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Choice, clean rooted cuttings from sand of Ivory, Bassett, Robinson, Wedding, Faure, Bergmann, at 1½c each; Chadwick, Yellow Fitz, Baer, at 3c each. Express paid. Cash, please. Cottage Greenhouses, Litchfield, Ill.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Bergmann and Bonnaffon rooted cuttings; well rooted, clean stock, $1.50 per 100. Duly Bros., Randolph, Mass.

CINERARIAS.

200 3-in. cinerarias, strong plants, $2.50 per 100. Mrs. Griswold, Worthington, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

CLEMATIS.

Clematis Paniculata. Another fine lot of frame seedlings. Will make strong, salable plants; one year in open ground. Can be planted direct from frames to field without potting. $5.00 per 1,000. Sample, 25 by mail, 10c in stamps. 5 lbs. Clematis paniculata seed, $5.00 per lb. The Elm City Nursery Co., New Haven, Conn.

Clematis paniculata, extra well rooted, 2½ and 3-in. pots, $5.00 per 100; Duchess Edinburgh, Jackmani, Mme. Andre, strong 2 and 3 yrs., from 6-in. pots, $25.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 6-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 5-in., 10c. W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, 2-yrs., $4.00 per doz. C. paniculata, 2-yrs., 4-in. pots, $10.00 per 100; 1-yr., 3-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Clematis, dormant, 10 best large flowering kinds, strong 2-yr., $2.00 per doz.; $15.00 per 100. Strong 2-yr., in 4 and 5-in. pots, same price. F. A. Bailer, Bloomington, Ill.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 60c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

Golden Bedder, Verschaffelti and 12 other selected varieties, rooted cuttings, 60c per 100; $5.00 per 1000. Cash. Critchell's, Station I, Cincinnati, Ohio.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $15.00 per 1,000. Rooted cuttings, 50c per 100; $4.00 per 1,000. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, good assortment; cut back; branched and containing some cuttings, 2¼-in., $2.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Coleus, 15 varieties, mixed, 2-in. pots, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Coleus, best bedding varieties, 2½-in., 35c per doz.; $2.60 per 100.
Good & Reese Co., Springfield, Ohio.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1000. Express paid.
S. D. Brant, Clay Center, Kan.

30,000 coleus, 10 named varieties, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Coleus, sorts, $2.60 per 100.
Phoenix Nursery Co., Bloomington, Ill.

CROTONS.

Crotons, a grand collection, 2½-in., 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

CYCAS.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas stems. Just received an importation of the true long-leaved variety. Per 100 lbs., $9.00. W. W. Barnard & Co., 161 Kinzie St., Chicago.

CYCLAMEN.

Cyclamen grand. spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

Cyclamen, 2½-in., 50c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

CYPERUS.

Cyperus alternifolius, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

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DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

Dahlias. Choice, named varieties. 25 for $1.00 in from 12 to 25 varieties. The same varieties that have lost their labels, 50 for $1.00. J. A. Keniston, 281 Merrimac St., Newburyport, Mass.

Dahlias, field-grown dry roots; separate colors or named. Doz., $1.25; 100, $9.00. Mixed sorts, doz., $1.00; 100, $7.50. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

Dahlias, choice collection, 60c per doz.; $5.00 per 100.
Good & Reese Co., Springfield, Ohio.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1,000. Send for list of varieties.
Vick & Hill Co., Rochester, N. Y.

DAISIES.

Marguerite daisies, 2½-in., 60c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

Dracaena indivisa, strong, 2½-in., 40c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

If you read these advs. others would read yours.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	2-inch	.60	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	6-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch	.60	4.00
Pteris Serrulata	2-inch	.60	4.00
Pteris cretica, albo-lin	2-inch	.60	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.60 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns, 2½-in. pots, 5 to 7 fronds, $3.00 per 100; $25.00 per 1,000. 4-in., $1.00 per doz.; $8.00 per 100. John A. Doyle Co., Springfield, Ohio.

Boston ferns, 2½-in., 60c per doz., $3.00 per 100, $25.00 per 1,000. Cordata compacta, 2½-in., 40c per doz.; $2.60 per 100.
Good & Reese Co., Springfield, Ohio.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz.
A. J. Baldwin, Newark, Ohio.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100, $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

N. exalta Bostoniensis, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Boston ferns, small plants, from bench, $4.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

Boston ferns, strong 2½-in. pots, 3c.
Joy & Son Co., Nashville, Tenn.

Boston fern, true, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

FICUS ELASTICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
6	22 to 23	12 to 14	$0.75	$ 7.20	$60.00
7	24 to 28	14 to 16		10.00	75.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

FORGET-ME-NOTS.

Forget-Me-Not Alpestris, blue, white and pink clumps, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

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FRUIT PLANTS.

For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

240 old and new varieties of strawberries, raspberries, currants, grapes, etc. Write for list to C. C. Nash, Three Rivers, Mich.

Josselyn, or red jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Bailer, Bloomington, Ill.

FUCHSIAS.

Fuchsias, double and single, mixed, fine, 2¼-in., $2.00; rooted cuttings, $1.00 per 100. Cash. W. G. Haebich, Auburn, Ind.

Fuchsias, 10 finest var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
George M. Brinkerhoff, Springfield, Ill.

Fuchsias, choice assortment, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Fuchsias, single and double, 2-in., $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

Jasmines, 8 varieties, 2½-in., 60c per doz.; $3.50 per 100.
Good & Reese Co., Springfield, Ohio.

GERANIUMS.

Geraniums—Double Gen. Grant, 1000 3-in. very heavy, strong, well branched, fine plants, September struck, $5.00 per 100; $45.00 per 1000; 1000 3-in. nice strong plants, $4.00 per 100; $40.00 per 1000; 100 2½-in. fine, heavy plants, $3.00 per 100, $25.00 per 1000. The above all need immediate change. Theodore Searles, Box 303, Port Chester, N. Y.

Stock geraniums of following varieties, from 4 and 5-in. pots, full of cuttings, $8.00 and $10.00 per 100. Single and double Grant, Nutt, E. G. Hill, A. Riccard. Will have 10,000 of the above geraniums from all size pots after April 15. Also verbenas, petunias and lobelias at low cash price. Jas. Ambacher, Long Branch, N. J.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order.
J. E. Felthousen, Schnectady, N. Y.

Geraniums. 25,000 rooted cuttings of all the leading varieties; all strong top cuttings, ready for 2½-in. pots, $2.00 per 100; $18.00 per 1,000. XX strong, best varieties, 2½-in., $2.50 per 100. Buckley Plant Co., Springfield, Ill.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

Geraniums in 2-in. pots; Nutt, Poitevine, Dbl. Grant and others, $2.50 per 100; our selection, $2.00 per 100. Cash with order. Special price on large orders.
C. A. Harris & Co., Delanson, N. Y.

Geraniums. Per 100: Best bedding var., strong plants, 3-in., $4.00; America, 3-in., $8.00; Mars and Le Pilot, 3-in., $5.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

New single aureole geranium Gov. Yates Best bedding variety of this type; a novelty of real merit, 40c each, 3 for $1.00; doz., $4.00. W. Bierstadt & Son, Springfield, Ill.

Geraniums. Per 100: Double New Life, 2½-in., $3.00; rooted cuttings of same, $1.50; good mixed varieties, 2½-in., $2.50. O. F. Searles, L. B. 288, Nashua, N. H.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.60 per 100.
A. J. Baldwin, Newark, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00.
Morris Floral Co., Morris, Ill.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums. Double Gen. Grant and S. A. Nutt, in 2½-in. pots, $2.50 per 100. C. A. Schaefer, York, Pa.

Geraniums, all the best varieties, 2½-in., $2.50 per 100; $20.00 per 1,000. John A. Doyle Co., Springfield, Ohio.

Geraniums, 10 best varieties, 2½-in., $3.00; 3½-in., $4.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Rooted cuttings, per 100: Silver Leaved, $1.25; La Favorite, $1.50; Mars, $2.00. Geo. Smith, Manchester, Vt.

Geraniums, a good assortment, 2½-in., $2.00 per 100. Cash. Geo. W. Weatherby, Chillicothe, Mo.

Geraniums, best double and single, 2½-in., 50c per doz.; $3.00 per 100.
Good & Reese Co., Springfield, Ohio.

Ivy geraniums, 6 var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Geranium Mme. Salleroi. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Vick & Hill Co., Rochester, N. Y.

Ivy geraniums, Chas. Turner, P. Crozy and others, 2½-in., strong, $3.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

Geraniums, fine stock in 2-in. and rooted cuttings. Betscher Bros., Canal Dover, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums. Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Peerless Strain, a very choice mixture, largely light shades, $8.00 per 1,000; medium size, largely 1¼ bulbs, $6.00 per 1,000. Popular Strain, fine mixture, light shades, medium size bulbs, largely 1¼-in., $4.00 per 1,000. Groff's hybrids, $20.00 per 1,000; Van Fleet's, $10.00 per 1,000; select seedlings, $20.00 per 1,000; 50 bushels of bulblets at special price.
Betscher Bros., Canal Dover, Ohio.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

Gladiolus seedling No. 1900 is a fine one for florists. In dozen lots to test. For samples of bloom see catalogue of James Vick's Sons, Rochester, N. Y., page 119. Also mixed. Write for prices. John Fay Kennell, Box 405, Rochester, N. Y.

50,000 gladioli, standard florists, mixed, white, light, yellow, red, 1 to 2½-in., $5.00 per 1,000; ½ to 1½-in., $3.50 per 1,000, all blooming size. Write for a bargain on the entire lot. C. E. Franke, 108 W. Washington St., Bloomington, Ill.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

GREVILLEA.

Grevillea robusta, 2½-in., 40c per doz.; $2.50 per 100. Good & Reese Co., Springfield, Ohio.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

Large surplus of nice collected seedlings to close out at once. American Linden (basswood), 6 to 12-in., $2.00 per 1,000, 10,000 for $15.00; 1 to 3 ft., $5.00 per 1,000. American Beech, 6 to 12-in., $1.50 per 1,000, 10,000 for $12.50. Red Bud, 8 to 20-in., $4.00 per 1,000, 5,000 for $15.00. Robiania Hispida (moss locust), 1 to 3 ft., $5.00 per 1,000, 5,000 for $18.00. Tulip Poplar, 1 to 3 ft., $4.00 per 1,000, 5,000 for $18.00; 3 to 5 ft., $5.00 per 1,000. Cladrastis (yellow wood), 4 to 8-in., $4.00 per 1,000; 1 to 2 ft., $1.00 per 100; 2 to 5 ft., $2.00 per 100. Sweet Gum, 6 to 12-in., $3.00 per 1,000. Magnolia Acuminata, 4 to 6-in., small, $1.50 per 1,000; 1 to 3 ft., $5.00 per 1,000. Magnolia Tripetala, 1 to 3 ft., $5.00 per 1,000. Cornus Florida, 1 to 3 ft., $5.00 per 1,000. Calycanthus, 1 to 3 ft., $5.00 per 1,000. Sugar Maple, 1 to 2 ft., $2.25 per 1,000; 3 to 4 ft., $3.50 per 1,000, 100 at double the rate per 1,000. I have several hundred thousands and this offer is made to close out. Order at once. J. H. H. Boyd, Gage, Sequatchie Co., Tenn.

I have 25,000 shade trees of Sugar, Norway, Silver-leaved, Ash-leaved and Scarlet Maples, 1 to 3-in. diameter. Elms and Lindens, 12 to 16 feet; 1,000 White Birch, 8 to 10 feet; 2,000 Purple-leaved Beech, 4 to 9 feet; 2,000 Hydrangeas, XX strong; 10,000 Evergreens, all sizes and kinds; 2,000 Retinospora Aurea and Colorado Blue Spruce, 3 to 6 feet; 3,000 Clematis Pan. gran. and other large-flowering sorts, XX strong; 20,000 California Privet, 2 to 5 feet; 10,000 Hardy Roses; 3,000 Crimson and Yellow Ramblers, all X strong, on own roots. Fruit trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large; 200 Golden Oaks, 8 to 10 feet. Florists, landscape architects, superintendents of parks and others wanting stock should call on me or write. Stephen Crane, Prop. Norwich Nurseries, Norwich, Conn.

North Carolina Woody and Herbaceous Plants —Nursery-grown and collected. Specialties: Among woody plants: Andromeda arborea, A. nitida, Leucothoe Catesbaei, Fothergilla, Gordonia lasiantha, Ilex opaca, I. glabra, I. verticillata, Myrica cerifera, M. pumila, Yucca filamentosa, Y. gloriosa, Vinca minor, etc., etc. Among Perennials: Asclepias tuberosa, Dionaea muscipula, Phlox subulata, sarracenias, etc., etc. Spring trade list. Pinehurst Nurseries, Pinehurst, N. C. Otto Katzenstein, Manager.

Silver Maples, 2 to 2½-in., XX...............25c
Hydrangea P. G., 2½ to 3 feet, X............ 8c
Azalea Mollis, 18 inches, X.....................25c
Deutzia Crenata Fl. Pl., 2 to 3 ft............ 3c
Austrian Pine, 3 to 4 feet.........................15c
F. & F. Nurseries, Springfield, N. J., wholesale growers trees and plants in full assortment. Trade catalogue free.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Perennial phlox, field-grown, good clumps, good var., $4.00 per 100. Will have a few thousand rudbeckia Golden Glow from open ground at $5.00 per 1000. Arundo Donax, variegated, $5.00 per 100. Eulalia japonica var., large clumps, 10c each. Cash.
C. G. Nanz, Owensboro, Ky.

Tree and shrub seedlings at rock bottom prices. Hardy plants, etc. Write for trade list. The cheapest and best on earth. We defy all competition. Big lot on hand; all good stock. Prompt attention given to all orders. Write at once. Taylor Perry, Jr., & Co., Roleta, Tenn.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list.
W. W. Wilmore, Box 382, Denver, Colo.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemala, Box 61, Buckley, Ill.

HARDY PLANTS Continued.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Rudbeckia Golden Glow. Perfectly double; long stems of great substance, nothing better for cut flowers. Strong clumps from open ground that will bloom this summer, $1.00 per doz.; $5.00 per 100. G. P. Moore, Ocean City, N. J.

5,000 Euonymus Japonica Green, 3 years, 24 to 30-in., $10.00 per 100; Euonymus Radicans Var. 3 years, 12 to 18-in., $10.00 per 100; Myrtle (Vinca Minor) $50.00 per 1,000. T. B. Hyatt & Son., Winfield Junction, N. Y.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Hardy perennial phlox, 2½-in., 50c per doz.; $3.50 per 100. Hardy Scotch or May pinks, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Imp. Gooseberry, 1-year, $5.00 per 1000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

About 1,000 catalpa trees from 5 to 12 ft. at half-price to close out the business. W. S. Krady, Mt. Joy, Pa.

Rudbeckia Golden Glow, strong, field-grown, $2.00 per 100. City Greenhouses, Meridian, Miss.

HELIOTROPE.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotropes, 6 best varieties, 2½-in., 40c per doz.; $2.50 per 100.
Good & Reese Co., Springfield, Ohio.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Heliotrope, rooted cuttings, $1.25 a 100.
Greene & Underhill, Watertown, N. Y.

HYDRANGEAS.

Hydrangeas. Thos. Hogg and Otaksa, 2-in., $2.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

HIBISCUS.

Hibiscus, 10 leading sorts, 2½-in., 40c per doz.; $2.50 per 100. Hibiscus Peach Blow (new), 75c per doz.
Good & Reese Co., Springfield, Ohio.

IVIES

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

German ivy, 2½-in., 50c per doz.; $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

German ivy, 2½-in., 2½c. Cash.
G. W. Weatherby, Chillicothe, Mo.

LANTANAS.

Lantanas, good assortment, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Weeping lantana, 2½-in., 35c per doz.; $2.00 per 100. Good & Reese Co., Springfield, Ohio.

LOBELIA.

Lobelias. Per 100. Pumila splendens, new, dark blue, white eye, 2½-in., $4.00; Emperor William, 2½-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lobelia, blue, from cuttings, 2½-in., pots, ready to bloom, $3.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old: clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moonvine Seedlings from the sand, very fine, $1.50 per 100. A. A. Harper, 1724 East 6th Ave., Pine Bluff, Ark.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

Otaheite Oranges, 2½-in., 50c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

ORCHIDS.

Wanted—Bids on Cypripediums. Who will make an offer for any or all of the following lots? Cypripedium Insigne, 675 in 4-in. pots; 386 in 5-in. pots; 3,527 in 6-in. pots; 80 in 7-in. pots; 1 in 24-in. pot; also 166 choice varieties. J. B. Bloomingdale, New York City, 78 Fifth Av.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeonies for cut flowers and lawn decoration. Red, pink and white, $10.00 per 100, $75.00 per 1,000; mixed singles, fine assortment, $5.00 per 100; $40.00 per 1,000. Chicago Paeony Farms, Jas Hartshorne, Mgr., Joliet, Ill.

Paeony chinensis in mixture, 2 and 3-year-old roots, per doz., $1.00; per 100, $5.00; per 1000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Fine double varieties, $6.00 per 100; $50.00 per 1,000. J. F. Rosenfield, West Point, Neb.

Paeonies, best florists' sorts, all colors, $12.00 per 100. F. A. Baller, Bloomington, Ill.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10; $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all order accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

BALL'S PALMS—Choice hardy stock, perfect in every way.

Areca lutescens, 2¼-in., $6.00 per 100; made up plants, 6-in., 50 and 75c; 8-in., $1.50 each.

Kentia Belmoreana, 2¼-in., 3 to 4 lvs., $12.00 per 100; 3-in., 4 to 6 lvs., 15, 20 and 25c each; 4-in., 5 to 6 lvs., 35, 40 and 60c each; 5-in., 75c; 6-in., 6 to 8 lvs., $1.00 and $1.25 each; 8-in., $2.00 each.

Latania borbonica, 2¼-in., $4.00 per 100; 6-in., 50 and 75c each; 8-in., $1.50 each; strong and stocky.

Livistona rotundifolia, 4-in., 35c each.
Pandanus Veitchi, 6-in., $1.00 each.
Pandanus utilis, 6-in., 50c each.
CHAS. D. BALL, Holmesburg, Phila., Pa.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	5 to 6	.75	7.20	60.00
5	18 to 24	5 to 7	1.00	12.00	90.00
6	20 to 22	6 to 7	1.25	15.00	125.00
6	26 to 28	6 to 7	1.60	18.00	150.00
7	36 to 40	6 to 7	2.25	27.00	200.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
5	22 to 26	5 to 6	1.00	12.00	90.00
6	28 to 30	5 to 6	1.25	15.00	125.00
6	30 to 34	6 to 7	1.50	18.00	150.00
8	44 to 50	6	3.25	39.00	300.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼		3	....	$0.60	$ 5.00
3	12	5 to 6	....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00
6	24 to 30		.75	9.00	

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	18 to 20	3 plants	$0.25	3.00	25.00

COCOS WEDDELIANA.

Pot.	Each.	Doz.	100.
3	$0.25	$2.00	$15.00

PHOENIX RECLINATA.

Pot.	Leaves.	Doz.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz; $10 per 100; 10-inch pots, 40 to 45 inches high, 6 to 8 leaves, $3.50 each.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 1.00	$ 8.00
Utilis	3	2.00	15.00
Veitchii	6 extra fine	18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

PEPEROMIAS.

Argyraea, 4-inch, $2.00 per doz.
Peltata, 4-inch, $2.00 per doz.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs, $24.00.

KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.

ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.

FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.

J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

	Pot. in.	H't in.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

LATANIA BORBONICA, nice clean stock, full character leaves, 4-in., $15.00 per 100, $2.00 per doz.; 5-in., full character leaves, $30.00 per 100, $4.00 per doz.; 6-in., fine plants, from $50.00 to $75.00 per 100. Cash with order. Critchell's, Station I, Cincinnati, Ohio.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Latanias, strong stock, 2½-in. pots, 3c; 4-in. pots, 10c; 5-in. pots, 25c.
Joy & Sons Co., Nashville, Tenn.

Palms, seedlings, 2½-in., 60c per doz.; $4.00 per 100. Good & Reese Co., Springfield, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

THE JENNINGS STRAIN OF PANSIES. 30,000 fine, strong, transplanted plants, 60c per 100 by mail; $4.00 per 1,000 by express. Fine, stocky, cold-frame plants in bud and bloom, $1.50 per 100; $7.00 per 500. The above all extra fine stock. Cash with order. E. B. Jennings, L. B. 254, Southport, Conn., grower of the finest pansies.

From Roemer's best giant premium pansy seed. Healthy plants from cold-frames, 50c per 100; $4.00 per 1,000. Express prepaid for cash. Des Moines Plant Co., Des Moines, Iowa.

10,000 Michell's giant exhibition pansy plants. They are extra fine and can be shipped at once. Price per 1000, f. o. b. express office, $4.00. Cash with order. J. L. Elliott, Bethlehem, Pa.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Giant Trimardeau. Fine transplanted, stocky plants; grand strain for size of flower and variety of colors, 50c per 100 by mail; $3.00 per 1000 by express. E. Fryer, Batavia, Ill.

100,000 pansies from seed grown for our own use; strong coldframe plants; $4.00 per 1000 from seed frame. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Pansy plants, $1.50 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Pansies, 2½-in., 60c per 100.
Good & Reese Co., Springfield, Ohio.

PELARGONIUMS.

Pelargoniums, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

PETUNIAS.

Petunias, 8 varieties, large top cuttings, well-rooted, $1.25 per 100; $10.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Dreer's finest double petunias, 2½-in., 50c per doz., $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Double petunias, finest fringed, $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PRIMROSES.

Primroses, 2½-in.: Chinese, 50c per doz., $3.00 per 100; Obconica, 35c per doz, $2.00 per 100; Baby Primrose, 40c per doz, $3.00 per 100. Good & Reese Co., Springfield, Ohio.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Baby Primroses, nice, thrifty and stocky plants, 2 in., $2.00 per 100. H. L. Ragan, Box 166, Springfield, Ohio.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

PRIVET.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000.
CALIFORNIA PRIVET, 2 yr, $19.00 per 1,000.
Choice cuttings, 1,000, $1.25; 20,000, $20.00.
Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

ROOTED CUTTINGS.

Geraniums, best varieties, 3-in., $5.00 per 100; Rex begonias, 3½-in., extra fine plants for Easter, per doz, $1.50; Double Yellow nasturtiums, per doz., 75c; Scarlet Sage, rooted cuttings, per 100, $1.00; Ageratum, Princess Pauline, rooted cuttings, per 100, $1.00; Double Petunias, rooted cuttings, some transplanted, per 100, $1.50; Lantanas, mixed, from soil, per 100, $1.50 Cash with order. Hermann Stabenow, 1657 N. 10th St., Reading, Pa.

Coleus Verschaffeltii, 75c per 100; $6.00 per 1,000. Coleus Golden Bedder, Ageratum (blue dwarf) and alyssum Carpet of Snow, 60c per 100; $5.00 per 1,000. Jas. Ambacher, Long Branch, N. J.

Coleus, 100 old and new; sample leaves for 2c stamp. Verschaffeltii and Golden Bedder 55c per 100. Red achyranthes and two grand basket plants (variegated dewdrop and large flowered mesembryanthemum), 20c per doz. Alternantheras, red and yellow, choice plants. Cash with order. Theo. Fuhr, Box 612, Alliance, Ohio.

The following plants will be sent by mail at prices given. Strong rooted cuttings, per 100 Vincas, $1.25; dbl. yellow anthemis, $2.00, geraniums, $1.50; salvia, giant alyssum, coleus, heliotrope, 75c; verbenas, 60c S W Pike, St Charles, Ill

ROSES.

Two-year-old hardy, field-grown roses, $8.00 per 100:

50	Baltimore Belle	3 to 4 ft.
25	Empress of China	2 to 4 ft.
50	Pride of Washington	3 to 4 ft.
200	Tennessee Belle	3 to 5 ft.
50	White Rambler	2 to 3 ft.
50	Yellow Rambler	2 to 3 ft.
100	Agrippina	2 to 4 ft.
50	Baron Bonstetten	2 to 4 ft.
100	Charles Margottin	4 to 6 ft.
50	Anne de Diesbach	2 to 3 ft.
50	La Reine	1½ to 2½ ft.
100	Madame Plantier	2 to 4 ft.
50	Gardenia	3 to 4 ft.
150	Manda's Triumph	4 to 6 ft.
200	Mrs. Lovett	3 to 6 ft.
150	Pink Roamer	4 to 6 ft.
100	Wichuraiana	3 to 4 ft.
100	South Orange Perfection	3 to 6 ft.

State how you wish them cut back for shipping. Cash with orders. Reference—Lawson's Bank, Greensboro, Ala. The Alabama Rose Gardens, Newbern, Ala.

Roses. Strong plants in 2½-in. pots, $2.50 per 100; $20.00 per 1,000, 25 at 100 rate; 250 at 1,000 rate.

Golden Gate,	Media,
Burbank,	C. Guillot,
Mosella,	Marie Van Houtte,
Etoile de Lyon,	H. M. Stanley,
White M. Neil,	Lily Kingsky,
Gen Lee,	Jeanne Chabaud,
Mrs. Degraw,	Helen Gambier,
Climbing Meteor,	F. Krueger,
Maman Cochet,	Bridesmaid,
Sylph,	Muriel Graham.
Mme. Berthod,	

Strong 2-year-old plants of above, in assortment, 75c per doz.; $6.00 per 100. John A. Doyle Co., Springfield, Ohio.

ROSE BUSHES

Field grown; own roots. In assortment. A few of the sorts we can still offer are: Beauty of Glazenwood, $9.00 per 100; Climbing Wootton, $9.00 per 100. Best red, hardy, ever-blooming rose outdoors. Crimson Rambler, $10.00 per 100; Gen. Jacqueminot, $10.00 per 100; Lamarque, Papa Gontier, $10.00 per 100; Maman Cochet, $15.00 per 100; Mrs. J. Laing, Ulrich Brunner, $10.00 per 100; Henriette, $9.00 per 100; Yellow Rambler, $8.00 per 100. Cash up. All strictly first-class, strong stock, and will please any class of trade anywhere. Special light packing for express. Order quickly and get 'em. The Howland Nursery Co., Los Angeles, Cal.

Roses for southern florists. Large plants for immediate effect. Climbers, 2 to 3 ft.; Teas well branched; worth $3.00 per dozen. Now at $10.00 per 100. Can easily go by freight. Varieties: Climbers—Climbing Wootton, Malmaison, Solfaterre, Meteor, James Sprunt, Reine Marie Henriette, Lamarque, Julia Pradel. Hybrids—Gen. Jacqueminot, John Hopper, Souv. de Lowdon, Lord Raglan, Louis Van Houtte, Roger Lamberlin, Madame Plantier. $10.00 per 100. Teas—Isabella Sprunt, Duchess de Brabant, Mme. Jos. Schwartz, Baronne Berge, Meteor, Henry M. Stanley, Souv. de F. Gaulain, and many more. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG, 51 Wabash Ave., CHICAGO.

Roses. Empress of China, 2½-in., pots, $2.00 per 100; A. Guinoiseau, Bon Silene, Bride, Bridesmaid, C. Soupert, Dr. Grill, Etoile de Lyon, Hermosa, Henry M. Stanley, Mosella, Maman Cochet, Maria Guillot, Malmaison, Nephesto, Perle des Jardins, Papa Gontier, Princess Sagan, Rainbow, Sunset and Safrano from 4-in. pots, mostly 2 years, well branched and well established, at $8.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

ROOTED ROSE CUTTINGS. Golden Gate, Meteor, Bride, Bridesmaid, Perle, $1.50 per 100; $12.50 per 1,000. These cuttings are up to the well-known standard of those sent out by us in previous seasons. J. A. BUDLONG, 37-39 Randolph St., Chicago.

We make the growing of roses a specialty and carry an immense stock of them, having over 200,000 now on hand. The following varieties at 40c per doz., $2.50 per 100, $20.00 per 1,000, 25 at 100 rate, 250 at 1,000 rate.

Allster Stella Gray.	Mme. F. Kruger.
Antoine Verdier.	Media.
Agrippina.	Manda's Triumph.
Augustine Halem.	Marie Guillot.
Aline Sisley.	Mme. A. Carrier.
Adam.	Mme. C. Kuster.
Archduke Charles.	Maid of Honor.
Beauty of Stapleford.	Maman Cochet.
Bridesmaid.	Mrs. Robt. Garrett
Bougere.	Mme. de Vatry.
Bon Silene.	Mme. Jos. Schwartz
Bertha Clavel.	Mme. Schwaller.
Baltimore Belle.	Mme. Welche.
Caroline Goodrich.	Mme. C. Berthod.
Comt. de Frigneuse.	Mrs. Lovett.
Catherine Mermet.	Meteor.
Christine de None.	Marie Van Houtte.
Crown P. Victoria.	Marechal Niel.
Climbing Meteor.	Mme. Margottin.
Coquette de Lyon.	Muriel Graham.
Cloth of Gold.	Mosella.
Clothilde Soupert.	Pink Soupert.
Cornelia Cook.	Poyanthas (10 var.)
Champ. of the World.	Pink Rambler.
Climbing Bridesmaid.	Papa Gontier.
Duchess de Brabant.	Princess Sagan.
Dr Grill.	Pink Daily.
Duchess of Albany.	Queen's Scarlet.
Devoniensis.	Reine M. Henriette.
Enchantress.	Royal Cluster.
Empress Eugenie.	Souv. Pres. Carnot.
Empress of China.	Sombreuil.
Etoile de Lyon.	Solfaterre.
Gen. Tartas.	Safrano.
Gen. R. E. Lee.	Souv. de la Malmaison.
Henry M. Stanley.	The Queen.
Helen Cambier.	Tri. de Pernet Pere.
Isabella Sprunt.	Tri. du Luxembourg.
James Sprunt.	The Bride.
Jules Finger.	Viscountess Folkstone.
Kaiserin A. Victoria.	Wichuraiana.
La Princess Vera.	White Rambler.
La France.	White Bougere.
Lamarque.	White Daily.
Mme. de Watteville.	White Maman Cochet.
Mme. Elie Lambert.	White La France.
Mme. Lambard.	Yellow Rambler.
Mme. Scipion Cochet.	Zelia Pradel.

The above roses from 4-in. pots, strong plants, $8.00 per 100, except Marechal Niel which is 15c each.

The following varieties at 50c per doz., $3.00 per 100, $25.00 per 1,000; 25 at 100 rate, 250 at 1,000 rate:

Climbing Paul Neyron.	Mrs. Robt. Peary.
Climbing Wootton.	Marion Dingee.
Crimson Rambler.	Perle des Jardins.
Climbing Malmaison.	Princess Venosa.
Clara Watson.	Pres. Cleveland.
Duchess of Edinburg.	Queen of the Prairies.
Evergreen Gem.	Russell's Cottage.
Francis Dubreuil.	Souv. de Cath. Guillot.
Gardenia (Evergreen).	Souv. de Wootton.
Golden Gate.	Souv. Mme. E. Verdier.
Helene.	Sunset.
Hermosa.	Waltham Queen.
Jersey Beauty.	White Perle.
J. B. Varrone.	

The above roses from 4-in. pots, strong plants, $10.00 per 100.

Newer Roses.	Per 12.	Per 100.
Antoine Rivoire	$ 60	
Ada Carmody	1 00	
Aurora	1.00	
Albert Stopford	1.00	
Admiral Dewey	1.00	$6.00
Baldwin	.75	5.00
Duch. de Arenberg	1.00	
Ferdinand Jamain	.75	4.00
Grus Au Teplitz	.60	4.00
Gardenia	1.00	
Johanna Wessenhoff	2.00	
Lady Dorothea	1.00	6.00
Meta	1.25	
Mme. Boullet	1.00	
Mme. Russon	1 00	
Mrs. Mawley	1.00	
Pierre Mignon	1.00	
Psyche	.75	6.00
Queen Olga of Greece	1.00	

Hybrid Perpetual Roses, in the following varieties, at 50c per doz.; $3.00 per 100:

Anna Diesbach.	Ball of Snow.
Clio.	Capt. Christy.
Dinsmore.	Francois Levet.
Glo. de Ex. Bruxelles.	Gen. Jacqueminot.
Giant of Battles.	Gloire de Margottin.
Gloire de Lyonnaise.	Jubilee.
La Reine.	Louis Van Houtte.
Mme. de Rougemont.	Mme. Plantier.
Mme. Chas. Wood.	Mme. Masson.
Prince Camille Rohan.	Paul Neyron.
Vick's Caprice.	

The above hybrid roses, from 4-in. pots, strong plants, $12.00 per 100.
THE GOOD & REESE CO., Springfield, Ohio.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2¼-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

ROSES—Continued.

Bargains in roses. A1 stock. Pink La France, White La France, M. Niel, C. Soupert, Kaiserin, Robt. Garrett, Bride, Bridesmaid, Etoile de Lyon, $3.00 per 100; $25.00 per 1,000. Cash with order please. Joseph Laihr & Sons, Springfield, Ohio.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

10,000 roses, dormant and H. Ps., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Bailer, Bloomington, Ill.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

American Beauties—Strong plants from 2x3-in. pots, ready for a shift, $6.00 per 100, $50.00 per 1000; they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

Roses, 5-in., at 9c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Bride and Maids, 3-inch pots, $3.00 per 100; $25.00 per 1000. American Beauty, 4-inch pots, $12.00 per 100; $100 per 1,000. A. L. Thorne, Flushing, L. I.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Perles and Woottons, in 2 and 2½-inch., extra fine stock. Extra fine Beauties in 3 and 4-in. Write Geo. A. Kuhl, Pekin, Ill.

Roses—Brides and Maids, clean, healthy stock from 2¼-in., ready April 1, $2.50 per 100. Krueger Bros., Toledo, Ohio.

Field Grown Crimson Rambler, $5.00 per 100, 2 ft. Mme. Plantier, same price. Wm. K. Nelson, Augusta, Ga.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelias, 2 new kinds, 2½-in., 40c per doz.; $3.00 per 100. Good & Reese Co., Springfield, O.

Russelia multiflora, 2-in., fine plants, 60c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias Clara Bedman and splendens, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1,000. Jerome Harley, Media, Pa.

Salvia Clara Bedman, 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Salvias, 3 colors, 2½-in., 40c per doz.; $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Salvia, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia St. Louis, 2½-in., $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

SEEDS.

Fresh choice flower seeds. We raised a breeze with our fine flowers last year, 2,000 pkts. of seed for sale. The largest packets you ever bought for the money, of the following kinds: Asters tall, Asters dwarf, Foxglove, Canterbury Bells, Wall Flowers, Verbenas, Candytuft, Scabiosa, Japanese Pinks. All in mixed colors. The following in separate colors: Double Hollyhock, white, pink and yellow. Snapdragon, white and red, 6c a packet postpaid. Mrs. R. Walz, Wadsworth, Medina Co., Ohio.

Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strains of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground but is also the most desirable for forcing under glass for winter cut flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts; per lb. 60 cts; 5 lbs. or more at 55 cts. per lb.
W. ATLEE BURPEE & CO., 457-477 N. 5th St., PHILADELPHIA, PA.

New Aster Daybreak, a splendid novelty; fine for cutting; same color as Daybreak carnation. Trade pkt., 25c; ¼-oz., 50c; oz., $1.50. Semple's lavender aster, 50c per oz; Mignon aster, mixed, ¼-oz., 25c; oz., 75c. Ellis Bros., Keene, N. H.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

SMILAX.

Smilax from flats, 30c per 100; $2.50 per 1,000. Joseph Wood, Spring Valley, N. Y.

Smilax seedlings, 75c per 100. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., $1.00 per 100. Mrs. Griswold, Worthington, Ohio.

Smilax from flats, 25c per 100. Morris Floral Co., Morris, Ill.

Smilax, 2½-in., 30c per doz.; $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

SPIRAEA.

Blue Spiraea, 2½-in., 40c per doz.; $3.00 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia variegata, 2½-in. pots, fine, $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba galegifolia, rooted cuttings, $1.25 per 100; 2-in. pots, $1.75 per 100. Logan Ave. Greenhouses, Danville, Ill.

Swainsona alba, 3-in., $4.00; 4-in., $6.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Celery—White Plume and Golden Self-blanching, small plants ready for trans., 15c per 100, 75c per 1,000, $5.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Add 10c per 100 to above prices if by mail. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Vegetable plants. I grow them by the thousands. Fine Jersey sweet potato plants, 20c per 100; $1.50 per 1,000. Cabbage plants—early plants, 20c per 100; $1.75 per 1,000; late Flat Dutch and other best varieties, 15c per 100; $1.00 per 1,000. Tomato plants—the earliest and best varieties ever raised. Don't fail to try the "Picturerock," one of the grandest tomatoes ever grown. Send for printed list. S. J. McMichael, 142 Larkins St., Findlay, Ohio.

Tomato plants—Beauty, Lorillard and Sutton's Best of All, 3-in., in bud, $2.00 per 100. Dwarf Champion, Mayflower, Sutton's and Beauty, from flats, 15c per 100; $1.25 per 1,000. Lorillard, transplanted, 50c per 100. Lettuce—Silver Ball, 15c per 100; $1.00 per 1,000. Mrs. Griswold, Worthington, Ohio.

Plants for transplanting. Cabbage—Early Spring, All Head, Charleston and Winnigstadt. Tomatoes—Champion, Aristocrat and Stone. 15c per 100, $1.25 per 1000; if by mail, add 10c per 100. W. D. Chase & Son, New London, Ohio.

Seed sweet potatoes—Yellow Jersey and Yellow Nansemond, $2.00 per bbl.; special price on large lots. Davis Bros., Morrison, Ill.

VERBENAS.

We are headquarters for rooted cuttings of verbenas. Having made a specialty of them for several years, we offer only the very finest selected from hundreds of kinds which we have bought for trial. Our price is 60c per 100, $5.00 per 1,000 express prepaid. Write for special prices on lots of two or more thousand. S. W. Pike, St. Charles, Ill.

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THE Florists' Manual contains 200 articles by Mr. Wm. Scott on important trade subjects and they are illustrated by 224 handsome engravings from photographs.

PLANTS HAVE SOULS.

So Says a Belgian Scientist.

The lilies of the field, proclaims a foremost scholar of Belgium, have embryonic souls, with rudiments of memory, reason, germs of habits and perception, and clearly if roughly sketched outlines of every other essential requisite of soul life. This he has demonstrated in certain painstaking observations and experimentations, which he announced, with frequent intermittent accompaniment of applause, at a recent conference of the Association of the Students of Science. The scholar in question is Professor L. Errera of the University of Brussels, and he regards the physiology of vegetables as a Cinderella among the natural sciences, whose sisters, human and animal physiology, bask in high places under the homage of servants, while she, in degrading humility, serves to attend to a little necessary rough work. She is quite unknown in her true character.

With the minutest and most succinct analysis of his subject Professor Errera demonstrates startlingly and precisely how mistaken philosophers, physiologists and even botanists have been in so completely passing over this phase of nearly one-half the organic world.

Botanists, he says, have contented themselves with merely a picture of some flowers and some plants, with an herbarium and a microscope. Those who study into physiology in the general acceptation of the term deal with a scientific study of the life of beings which move, which think, which react upon stimulants, vividly and briskly. They do not take into account the fact that plants present movements, experience sensations and manifest reactions; that the term physiology is ordinarily applied to everything that has life, saving only plants. Vegetable physiology does not exist except in name.

As for philosophers, they, too, have come short, says Professor Errera, in forgetting that under the denomination vegetable physiology there has been grouped a collection of phenomena of the highest interest. They do not seem to have perceived this because in any attempts to classify knowledge they have assigned vegetable physiology only the most insignificant position.

INDIANS BUILD A RAILROAD.

Out in Wyoming the Burlington railroad is building a line down into the Big Horn Basin country, and the contractors succeeded in interesting a lot of Crow and Sioux Indians from the reservation near by, and engaged a number of them on the grade. At first they were lined up each with a scraper and a team of horses and at the word, with a yell, they started to race, that being the sport dearest to the Indian heart. But after the "boss" got them in line again, and explained that they were there to "move dirt" and not to race horses things went more smoothly, and most of the bucks have developed into good workmen.

And so it happens, that within a few miles of the battlefield where Custer and his brave men of the Seventh Cavalry made their last stand in 1876, these warriors, and sons of warriors, many of whom no doubt took part in the massacre, are peacefully taking up the white man's burden and "make 'em heap sweat."

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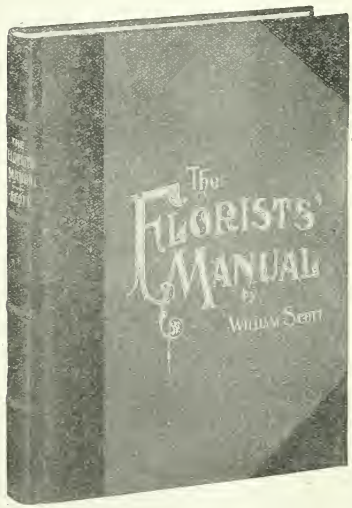

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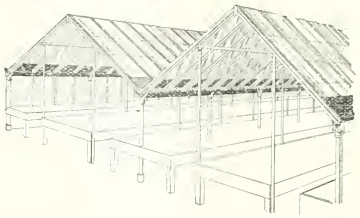

Like our battleships and other valuable inventions, the so pretended all-wise criticized them long before they could prove to the world their efficiency. But such judges have long been relegated to the deep and fathomless sea of ignorance and are still the laughing stock of the better and more intelligent judges.

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Harrison Pottery ...cla
Hartwick Jos.....626
Heim Bros.....627
Helss, J. B.....626
Hemaix, C.....cla
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Herr, D. K.....cla
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Hews, A. H. & Co....cla
Hill Co., E. G.....626
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Hippard, E.....645
Hitchings & Co. 644-646-648
Hollinger, D. L.....cla
Homer, C. B. & Son ..cla
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Jennings Bros.....647
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Kellogg, Geo. M....628
Kelsey, H. P.....cla
Kennell, John Fay...cla
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Krady, W. S.....cla
Kramer & Son.....629
Krick, W. C.....cla
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Krueger Bros.....cla
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Kuhl, Geo. A.....629
Lager & Hurrell....614
Lehnig & Winefield.cla
Lewis, F. G.....cla
Ley, J. H.....cla
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Longsdorf, C. L.....cla
Lothringer & Agnius..cla
Loven, J. G.....cla
Lord & Burnham....648
Lovett, J. T. & Co....cla
Lyons, G. W.....cla
Mac Rorie, A. S.....cla
McDonald Bros.....645
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McMichael, S. J.....cla
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Merkel, J. & Son....632
Miller, Geo. L.....cla
Miller, J. W.....cla
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Morton, J.....cla
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Moon, S. C.....cla
Moore, G. P.....cla
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Nanz, H. G.....cla
Nelson, W.....cla
Nitsche, F.....cla
Nyveld, J.....cla
O'Quinn, J. L. & Co..cla
Orr & Lockett.....cla
Parlin & Orendorff Co.....cla
Patterson, M. E.....cla
Paul, Fred.....cla
Peckham, S. S.....cla
Penn Rubber Co.....cla
Pennock, S. S.....630
Phoenix Nur. Co....633
Pike, S. W.....cla
Pittsburg Cut Flower Co.....630
Plant Seed Co.....cla
Pochmann Bros.....628
Pollworth Co., C. C. Wood.....628-646
Quaker City Machine Co.....648
Ragan, H. L.....cla
Rakestraw & Pyle..632
Randall, A. L.....628
Rasmussen, A.....633
Rawlings, E. H.....614
Reed Glass & Paint Co.....cla
Reed & Keller.....cla
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Rice, M. & Co.....614
Richards, W. J.....cla
Ritter, B. H.....633
Robinson, H. M. & Co.626
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Rosenfield, J. F.....cla
Salter, W. H.....630
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Schmitz, F. W. O....614
Schreiner, J. R.....634
Schultz, H. & Co....cla
Scarles, O. F.....cla
Seaside Greenhouses .....cla
Sefton, Mfg. Co.....cla
Shadyside Greenhouses .....cla
Shaw, J. A.....626
Shoemaker, Benj....cla
Siebrecht & Son.....634
Skabcura Dip Co.....647
Smith, Geo.....cla
Smith, H. P.....cla
Smith, N. & Son.....614
Smith & Young Co...cla
Soltau, Chr.....627
Sprague Smith Co....cla
South Florida Nursery Co.....cla
Stevens, Geo.....cla
Styer, J. J.....cla
Swayze, W.....cla
Templin & Sons.....cla
Thorburn, J. M. & Co.614
Tobacco Warehousing & Trading Co..645
Vick & Hill Co.....cla
Vick's Sons.....cla
Vincent, Jr., R. & Son 634
Walker & McLean...cla
Weatherby, G. W....cla
Weber & Sons.....635
Weiland & Risch....629
Wettlin, W. A.....cla
Wheeler, W.....cla
Wheeler-Stenzel Co.cla
Whilldin Pottery Co.646
Whitton, S.....633
Wietor Bros.....628-633
Wilks Mfg. Co.....648
Wilmore, W. W....cla
Wilson, J. P.....cla
Winterich, C.....cla
Withbold Co., Geo...631
Young, John Welsh.629

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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JERSEY CITY LONG ISLAND CITY
PHILADELPHIA

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STANDARD FLOWER POTS.

FOR PRICE LIST

Address **W. H. ELVERSON POTTERY CO.**

NEW BRIGHTON, PENNA.

Mention The Review when you write

Greenhouse Material

Of Clear Louisiana Cypress and California Red Cedar

BEST GRADES. PERFECT WORKMANSHIP.

A. DIETSCH & CO.,

615 to 621 Sheffield Ave., CHICAGO, ILL.

Mention The Review when you write.

CINCINNATI, O.—B. P. Critchell has been very ill with pneumonia, but is now improving.

UTICA N. Y.—Peter Crowe will soon add seven new rose houses.

BERLIN, CONN.—W. P. Shumway has added a new house, 20x200.

NORTH SAUGUS, MASS.—W. Miller & Sons, of Lynn, have purchased land here upon which they will build a range of glass.

SPRINGFIELD, MASS.—Mark Aitkin will this season entirely rebuild his greenhouses.

WE WISH to call your attention to the value in our Florists' Manual as recognized by many readers. See their letters that have appeared from time to time in the Review.

IF YOU need help and you are a subscriber to the Review you can insert a 35 word want adv. one time in this paper and there will be no charge. Extra insertions at the rate of one cent a word.

Red Pots.

Sample Pot and Price List on application.

C. C. POLLWORTH CO.

MILWAUKEE, WIS.

Mention The Review when you write.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

"ROSE LEAF" EXTRACT OF TOBACCO INSECTICIDE

For Sale by Seedsmen. For Free Pamphlet write to The Kentucky Tobacco Product Co., Louisville, Ky.

Mention The Review when you write.

THE REGAN ...PRINTING HOUSE...

Nursery.... ....Seed.... Florists'.... **Catalogues**

87-91 Plymouth Place, Chicago.

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HITCHINGS & CO.

233 MERCER ST., NEW YORK.

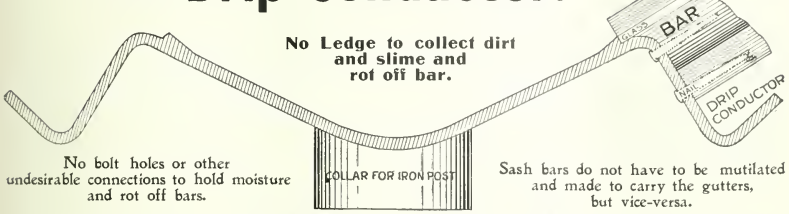
GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings And Ventilating Apparatus

Send Four Cents for Catalogue.

Mention The Review when you write.

The Original Garland Valley Gutter and Drip Conductor.



The Gutter is the Foundation of the House.

It has stood a ten-year test and I can Warrant that it will last fifty years longer. Will outlast one dozen galvanized or steel gutters, as steel is the poorest material for greenhouse use. No breakage of glass by frost or ice. Only seven inches of shade in December. No drips from condensation when proper humidity is maintained within. No wires to hold bars to gutter; wires are for supporting ridge pole without using ridge pole posts. Simplest and easiest to erect, never sags or gets out of line. Made in my own foundry, of No. 1 Lake Superior cast iron. Do not make a mistake by putting in untested devices, but get into the band wagon with the successful growers who have tested the Garland Iron Gutter and Drip Conductor. The following is a partial list—write them:

Geo. Wittbold Co., Chicago.
Lincoln Park Greenhouses, Chicago.
Chas. D. Ball, Holmesburg, Pa.
Wietor Bros., High Ridge, Ill.
Storrs & Harrison Co., Painesville, O.
E. D. Kaulback & Son, Malden, Mass.
Fostoria Floral Co., Fostoria, O.
A. H. Poehlmann, Morton Grove, Ill.
M. A. Hunt Floral Co., Terre Haute, Ind.
Peter Reinberg, Summerdale, Ill.
F. Stielow, Niles Center, Ill.
W. A. Hartman, South Haven, Mich.
The Cottage Greenhouses, Litchfield, Ill.
Leopold Schroeder, Dolton Sta., Ill.
R. I. Machlin, Marshfield, Wis.
W. P. Ransom, Junction City, Kan.
Marso Bros., Joliet, Ill.
Michael Winandy, High Ridge, Ill.
Juergens & Co., Peoria, Ill.
Joseph Heinl, Jacksonville, Ill.
J. W. Howard, Somerville, Mass.

GEO. M. GARLAND, DES PLAINES, ILL.

Mention THE REVIEW when you write.

1880 **HAMMOND'S SLUG SHOT.** 1901

Destroys Pests which prey upon Vegetation in the GREENHOUSE, CONSERVATORY or GARDEN.

SLUG SHOT is a composite powder **not dependent solely** upon any one of its parts for effectiveness. For 21 years **SLUG SHOT** has been used, doing effective work **against Leaf Eaters. Juice Suckers,** Sow Bugs, Snails or Grubs in the soil. **SLUG SHOT** is spread by duster or blower. Water will carry it through a sprayer or pump. It destroys in this way elm tree beetles, caterpillars on trees. Where Snails or Sow Bugs are troublesome, dust **SLUG SHOT** on the soil with a duster. **SLUG SHOT** rids **fowls, calves and dogs** of lice and fleas. **SLUG SHOT** is put up in tin perforated screw-top canisters and cartons holding one lb. The 5-lb. package (see cut) retails at 25 or 30c each, larger packages at less rate. **SLUG SHOT** is

Sold by the Seedsmen in all parts of the United States and Canada.

GRAPE DUST for mildews and blights. **SOLUTION OF COPPER** against fungus of all sorts.

For Pamphlet address B. HAMMOND, FISHKILL-ON-HUDSON, N. Y.

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NIKOTEEN

IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 2 OZS. OF TOBACCO IN ONE PINT OF NIKOTEEN

SOLD BY SEEDSMEN - - - - CIRCULAR FREE - SKABCURA DIP CO. CHICAGO.

Kill and Save the Blooms! Bugs! QUICKLY DOES IT.

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Always Mention the.... Florists' Review When Writing Advertisers.

See That Ledge.

Pat. Sept. 18, 1900.

THE **JENNINGS** IMPROVED **IRON GUTTER.**

ESTIMATES FURNISHED ON **CYPRESS GREENHOUSE MATERIAL** WITH OR WITHOUT OUR **Patent Iron Gutters and Plates,** NO THREADS TO CUT FOR OUR **Patent Iron Bench Fittings and Roof Supports.**

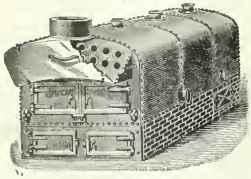
VENTILATING APPARATUS.

Send four cents in stamps for our circulars and catalogue.

JENNINGS BROS., OLNEY, PHILA., PA.

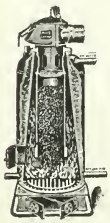
Always mention the Florists' Review when writing advertisers.

KROESCHELL BROS. CO.
IMPROVED
Greenhouse Boiler,
51 Erie St., CHICAGO.



Boilers made of the best material, shell, firebox sheets and heads of steel, water space all around, front, sides and back. Write for information.

Mention The Review when you write.



WILKS HOT WATER HEATERS.
Best made for GREENHOUSES.
SELF-FEEDING MAGAZINE.
All Steel. Simple, Strong, Durable.
Send for Catalog, etc.
S. WILKS MANFG. CO.
53, 55 S. Clinton St.
CHICAGO.

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ADAM SCHILLO,
DEALER IN ALL KINDS OF **Lumber and Posts**
ESPECIALLY FOR
GREENHOUSES...
Having had an extensive experience in the line of Lumber and Posts needed for greenhouse work, I am prepared to meet all inquiries. Send for prices.
Cor. Weed and Hawthorne Ave., CHICAGO, ILL. Telephone North 226.
☞ References given from the leading florists of Cook County.

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Evans' Improved Challenge Ventilating Apparatus, Write for Illustrated Catalogue.
Quaker City Machine Works,
RICHMOND, IND.

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Holds Glass Firmly
See the Point ☞
The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.

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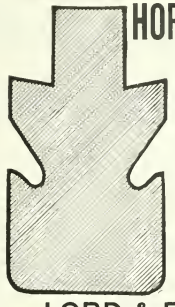
Always Mention the....
Florists' Review
When Writing Advertisers.



HORTICULTURAL ARCHITECTS
And the Largest Builders of Greenhouse Structures.

RED GULF....
CYPRESS GREENHOUSE MATERIAL
STRICTLY FREE FROM SAP.
Largest Stock of Air Dried Cypress in the North.

Greenhouse Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.

LORD & BURNHAM COMPANY,
NEW YORK OFFICE: St. James Bldg., Broadway and 26th St.
GENERAL OFFICE AND WORKS: Irvington-on-the-Hudson, N. Y.

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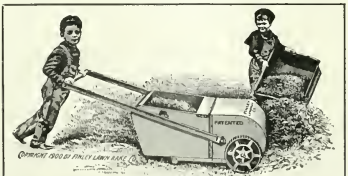
A Man's Lawn
will never look smooth and "velvety," the rank crab-grass will never be straightened up so it can be cut off, and the grass will never grow so thickly until he invests in that modern lawn beautifier known as a
Finley Rotary Lawn Rake.



Papa! We Can Rake Your Lawn.

It only came out last season, and from gardeners, parkmen and others an avalanche of testimonials has came to us, all of them saying in substance.

"This is the greatest invention of modern times in its line. We couldn't do without it."

A child can push it. You need one if you have a lawn. It runs easy, is simple, strong and the only thing of its kind. We have a descriptive circular telling all about this Lawn Rake and containing testimonials from users in all parts of the country. We want you to have one and will mail it free for the asking.

14-inch, $10; 20-inch, $12; F. O. B. Joliet.

FINLEY LAWN RAKE CO., Joliet, Ill., U. S. A.

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WHEN YOU WANT Engravings made
send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.
Brinkerhoff & Barnett Engraving Co.
300-306 Dearborn St., CHICAGO.

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High Grade BOILERS
Get our Catalogue. **For GREENHOUSES.**
STEAM AND HOT WATER.
GIBLIN & CO., Utica, N. Y.

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HITCHINGS & CO.
233 MERCER STREET, NEW YORK.
GREENHOUSE BUILDING,
VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
SEND FOUR CENTS FOR CATALOGUE.

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, APRIL 11, 1901. No. 176.

THE LARGEST FANCY CARNATION.
A Few Thousand Ready for Immediate Delivery.

PROSPERITY

All Orders Filled in Strict Rotation.

PRICES FOR ROOTED CUTTINGS.

1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

WRITE FOR FULL DESCRIPTION.

DAILLEDOUZE BROS., Flatbush, N. Y.

IRENE

THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

CRABB & HUNTER, GRAND RAPIDS, MICH.

WM. F. KASTING
WHOLESALE COMMISSION FLORIST....
ROSES, CARNATIONS
And all kinds of Seasonable Flowers in stock.
Also dealer in Florists' Supplies and Wire Designs.

481 Washington St., BUFFALO, N. Y.
Open Day and Night. Give Us a Trial. We Can Please You.

THE RIGHT KIND OF
A BIRTHDAY PRESENT
IS SOMETIMES DIFFICULT TO SELECT. A COPY OF
THE FLORISTS' MANUAL
By WM. SCOTT,
WILL EXACTLY FILL THE BILL.
PRICE $5.00 DELIVERED.
FLORISTS' PUB. CO., Caxton Building, CHICAGO.

The Review's Classified Advs.
ARE A GREAT CONVENIENCE
is the verdict of the buyers.
"It is so easy to find what you want."

ESTABLISHED 1802

THORBURN'S SEEDS

Tuberoses Double Pearl,
largest size, **80c** per 100; **$5.00** per 100.

Finest Mixed Gladioli for Florists,
all colors.

Choice Imported Named Gladioli
in great variety.

Special Price List for Florists on application.

J. M. THORBURN & CO.
(Late of 15 John St.)
36 CORTLANDT STREET, NEW YORK.

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Vinca Major Variegata.

Extra strong stocky plants, from 2½-inch pots, **$5.00** per 100.

From 3½-inch pots, **$8.00** per 100.

The 2½-inch pot plants are last year's propagation and are sure to give satisfaction.

The larger plants are field-grown clumps which have been dormant most of the winter, but are now in very active growth, with 8-10 ends.

NATHAN SMITH & SON,
Adrian, Mich.

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USE Up-to-date **FLORISTS' SUPPLIES.**

M. RICE & CO.

Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.
Catalogue for the asking.

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ORCHIDS..

We are headquarters for Orchids in the United States, both imported and established. Also materials such as peat, moss and baskets.
Our new price list for 1901 now ready.

Lager & Hurrell, Growers and Importers.... **Summit, N. J.**

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500,000 VERBENAS....

80 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.
Our list is the choice from millions of seedlings.
Send for list. **J. L. DILLON, Bloomsburg, Pa.**

Mention The Review when you write.

'MAID, LIBERTY, BRIDE, KAISERIN.

Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery.

STEPHEN MORTENSEN,
Southampton, - - near Philadelphia, Pa.

Mention The Review when you write.

Vinca Var. Extra Long Vincas at $10.00 and $15.00 per 100

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Anthemis (dble. yellow Marguerite)	2.00
Chrysanthemum Merry Xmas, best late white	2.00
Coleus, Separate Colors	.75
" Fancy & large leaf	1.00
" Mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00

	Per 100
Fuchsia, 8 varieties	$1.5
" Sunray	2.00
Fuchs a, Trailing Queen	2.00
Forget-Me-Not (Winter)	2.00
Heliotrope	1.25
Ivy (German)	1.25
Ivy Kenilworth	1.00
Impatiens Sultani	2.00
Lantana (Assorted)	1.50
Lemon Verbena	1.50
Lobelia	1.50
Manettia Bicolor	1.50
Petunias	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var.	1.25

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

GERANIUMS. Per 100

Best bedding varieties	$2.00
S. A. Nutt, etc.	2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought and Mme. Bruant	2.00
P. Crozy, one of the finest, scarlet bedders	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, mixed	1.50
" named	2.00
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00

New Set of 20, post paid, 1.00

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Variegated, 2¼-in	4.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	4.00
Cobea Scandens, 2½-in	3.00
Coleus, 2-in	3.00
Daisy Snowcrest, 2¼-in	4.00
" " 3-in	6.00

	Per 100
Fuchsia, Trailing Queen, 2½-in	$4.00
Forget-Me-Not, 2¼-in	3.00
Geraniums — Bronze, Silver Leaf, Freak of Nature, etc., 2¼-in	4.00
Mrs. Parker, 2¼-in	6.00
Improved Named, 2¼-in	3.50
L'Elegant (Var. Ivy) 2-in	6.00
Hydrangea, P. & W. 3-in	6.00

	Per 100
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var, 2½-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00

Terms Cash or C. O. D.

Easter Lilies, cut, fine stock, 6c and 10c a piece.
Will exchange for 100 Bronze Leaved Cannas.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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Bulbs. Bulbs. Bulbs

Now I am open to quote prices on all SUMMER, FALL and WINTER Bulbs, Tuberous Roots and Plants.

NOTHING BUT THE VERY BEST HANDLED.

Send in your list of wants. Prices will be cheerfully submitted.

STILL ON HAND. GLADIOLUS, CALADIUM ESCULENTUM, TUBEROSES, BEGONIAS, separate colors, and a FULL LINE OF SPRING PLANTS.

F. W. O. SCHMITZ, - Jersey City, N. J.

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HARDY .. HERBACEOUS .. PLANTS.

—REASONABLE—

EDWARD B. JACKSON
STAMFORD, CONN.

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STOP Walking the Floor! You wont be disappointed if you place your orders FOR

SOUTHERN WILD SMILAX

WITH
CALDWELL THE WOODSMAN CO., Evergreen, Ala.,
Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Levy & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind.
Our advice: Wire your orders and go "sleep in peace." N. B.—We also sell sound Hog's Moss.

Mention The Review when you write.

GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.

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FANCY and DAGGER FERNS at reasonable prices. Also for Princess Pine. Headquarters for Bronze Galax Leaves. 75c per 1000. Laurel Festooning, 4c, 5c & 6c per yd. We guarantee to suit you.

ROWL, FERN CO.,
Telegraph Office, New Salem, Mass.
P. O., MILLINGTON, MASS.

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HARDY CUT FERNS

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THE EASTER TRADE.

We print below reports from all sections of the country on the Easter Trade, that most important event of the year to the florist, and are pleased to note that they show the trade has increased to a marked degree this year except in sections where extremely unfavorable weather conditions prevailed. And in many places the business was ahead of previous years in spite of unfavorable weather, which is a truly encouraging indication for the future. On the whole we think the trade has good reason to be more than satisfied with the average results.

TOLEDO, O.—Krueger Bros. report Easter trade as about 20 per cent better than last year, with prices ruling about the same.

MUSCATINE, IA.—Last week being rainy and cloudy with the exception of only two days a poor Easter trade was the result.

PEKIN, ILL.—The demand for blooming plants and cut flowers was much greater than the supply and therefore trade was good.

UNIONTOWN, PA.—Barton Bros. report the Easter trade as the best they ever had. The demand soon outran the supply and prices were well maintained.

NEW ALBANY, IND.—Anders Rasmussen reports: "Easter trade was excellent. Everything sold out clean and could have sold more. Prices about the same as last year."

ROCKFORD, ILL.—H. W. Buckbee reports Easter trade as very satisfactory and fully 30 per cent in advance of last year. Harrisii lilies were in great demand. Carnations were also favorites.

TRENTON, N. J.—C. Ribsam & Son report Easter trade as the best they ever had. Outside of lilies the greatest demand was for azaleas and hyacinths. Fern balls sold well.

FREMONT, NEB.—C. H. Green reports it was the best Easter he ever had. And in addition to this, funerals, weddings and parties have been numerous and kept trade lively.

AURORA, ILL.—R. Rees & Son say Easter trade was better than last year, with a great demand for pot plants in bloom. Cut flowers were sold out clean at 11 o'clock in the morning.

ATLANTIC CITY, N. J.—Easter trade was satisfactory but sales would have been 25 per cent larger had Saturday been clear instead of a very stormy day. All blooming plants sold well.

ST JOSEPH, MO.—L. J. Stuppy reports sales probably 25 per cent larger than last year, the increase being in calls for plants. Not much call for Beauties. Other roses, carnations, bulb stuff and violets sold well.

LAWRENCE, KANS.—A. Whitcomb & Son say Easter trade was about the same as last year. Bad weather made the supply of cut flowers short. Blooming plants sold well. The call for lilies was greater than could be supplied.

GALESBURG, ILL.—Giesler & Drury report Easter trade this year better than ever before and that they cleaned up in fine shape. All good blooming plants sold well. Easter lilies preferred. They displayed all their stock in their new store on Main street.

ALTOONA, PA.—Easter trade here was excellent, exceeding that of any previous year. Stock was fine and apparently abundant, but the demand was fully equal and in cut flowers rather in excess of it. Today (Monday) there is very little available stock in sight.

MONTGOMERY, ALA.—The Misses Wilson report: Cut flowers were more in demand than ever before, also lilies, ferns, begonias, etc., in pots. Everything sold, even to the pansies and verbenas early sold out clean. Weather gloomy but warm, making delivery easy.

MOBILE, ALA.—C. Ravier & Sons report Easter trade as 25 per cent better than last year. Easter lilies were in great demand, but unfortunately they had none in bloom and had to offer callas, spiræas, roses and carnations. They have not yet heard from the other florists.

OTTUMWA, IA.—C. Kranz reports the best Easter trade ever known. He had a large supply on hand, including over 200 pot lilies in full bloom, 1800 roses, 2200 carnations, violets in abundance and many other small flowers. At 10 o'clock he was sold out of everything.

NEWPORT, R. I.—James Gohn writes that everything was sold out and could not meet the demand. Trade was about 25 per cent larger than last year. Carnations and violets very scarce. Weather very dark. Have not seen the sun for six days. Rain and fog all the week.

GALENA, ILL.—B. F. Vandervate reports a larger Easter trade than ever before, in the plant line as well as in cut flowers. He was entirely cleaned out of cut flowers, and everything sold well. He made a large display in a downtown

Easter Plant Arrangements. No. 1.

from the garden, notwithstanding the woods are full of wild flowers.

DAYTON, O.—H. H. Ritter says Easter demand was greatly increased over last year and better prices were obtained. Lilies were in great demand and in good supply; in fact, everything in bulbous stock, that was much praised by the local press.

SHARON, PA.—John Murchie reports that he believes all the Sharon florists sold out clean. Volume of trade was about the same as last year. Plants more in demand. Prices a little better.

Supply was sufficient for demand except lilies in pots, of which more could have been sold.

Dubuque, Ia.—W. A. Harkett reports sales as slightly ahead of last year, with prices about the same except a slight advance on lilies. There was more demand for medium priced flowering plants and less for expensive foliage plants. Stock was plentiful except for a slight shortage in Harrisii and pink roses.

Sharon, Pa.—M. J. O'Brien reports: "Easter trade was fully 20 per cent greater than last year, with better prices. Flowering plants sold well, considering a continued rain all day Saturday. In cut flowers carnations had the call, with not enough to supply the demand. Roses went fairly well at good prices."

Kankakee, Ill.—Faber Bros. report Easter trade as much better than last year, with better prices for all kinds of flowers. Calla lilies brought $3.50 a dozen; Harrisii, $6.00; American Beauties, $8.00; Bride, Bridesmaid and other roses, $1.50 to $2.00; carnations, 50 to 80 cents; violets, $2.50 per 100.

Bay City, Mich.—Boehringer Bros. report Easter trade as generally satisfactory, sales of both cut flowers and plants being larger than last year, with somewhat better prices. Lilies were scarce on account of the disease. It was noticeable that the better grades of plants sold quicker than the cheaper ones.

Petoskey, Mich.—S. J. Long reports Easter trade for this vicinity as fully 50 per cent better than any previous year. Everything saleable was ordered by Wednesday. Grand Rapids had to be heavily drawn upon for stock. Violets in pans sold like hot cakes. Pot plants sold equally well with cut flowers.

Muncie, Ind.—S. Humfeld reports Easter trade as 75 per cent better than last year. Roses short. Greater demand for fancy carnations. Supply of bulbous stock ample. Great demand for pot plants. Some well grown cinerarias in 7-inch pots brought $1.00 each. Azaleas, lilacs and rhododendrons sold well.

Leavenworth, Kans.—R. C. Hinz reports that Easter trade was 50 per cent better than last year, with a lively call for everything. There was plenty of plants with the exception of hyacinths and lilies. There was a shortage in all cut flowers except lilies. A good many lily flowers were shipped in, but no plants.

Birmingham, Ala.—C. H. Reed reports: "The Easter trade was never so satisfactory as this year. Should judge there was three times more cut flowers sold than any previous year in the history of this place. The demand for potted plants was beyond the supply. Prices for everything good and everything sold out."

Bridgeport, Conn.—James Horan & Son report: "It rained most all the time. A plant trade almost entirely. Plenty of plants left over and plenty of flowers, too, except violets. The meanest Easter Saturday in years. Rich customers bought well. Poorer customers didn't get a chance to get out. Not up to last year at all."

Easter Plant Arrangements. No. 2.

Memphis, Tenn.—Otto Schwill & Co. report an exceptionally good Easter trade, in fact double that of last year, which they credit largely to the improved general business conditions in the south. Their stock was good in quality, especially the lilies, and in addition to their own they had many shipped them from Chicago.

Danvers, Mass.—E. & C. Woodman report weather unfavorable for trade. Lilies in good condition; fine stocky plants, 3 to 8 flowers, Japan stock. Neighboring towns and cities we hear sold lilies as low as 15 cents a flower at retail. This competition and the weather caused a falling off in amount of sales as compared with last year.

Quincy, Ill.—C. F. W. Gentemann reports Easter trade as better than ever before. The demand for lilies, roses, carnations and violets was great and all sold at good prices. All blooming plants sold well, especially potted hyacinths, daffodils, azaleas and lily of the valley. All the florists were sold out by noon Sunday and all are well pleased.

Massilon, O.—Easter sales were about 25 per cent larger than last year with an increasing demand for flowering plants. Lilies, azaleas and bulbous stock in pots and pans sold especially well. In cut flowers carnations took the lead. Roses, bulbous stock and violets were in good supply and sold well. Prices about the same as last year.

Hornellsville, N. Y.—W. A. Wettlin reports: "An increase of about twenty per cent over last year. The only shortage was in carnations, which sold for $1 per dozen; the most we ever received for them in former years was 75 cents. The plant trade was about the same as last year, but the weather was very bad, which no doubt affected that line."

Hamilton, Ont.—E. G. Brown reports: "Trade here this Easter was the best we ever had. Although lilies were in short supply what there was brought better prices. Roses, carnations and violets sold well; also very good demand for valley, which seems to be getting more in demand each season. In plants lilies took the lead, followed by good white azaleas."

Little Rock, Ark.—Tipton & Hurst say: "Easter trade was very heavy. We had to cease taking orders and selling at noon Saturday. Could have sold twice as many cut flowers had we had them. Demand heavy for Easter lilies and carnations. Had a large shipment in as well as our own stock. Demand for plants good, especially Easter lilies, which were in short supply."

Cleveland, O.—The weather was miserable, a cold rain falling all day Saturday, yet we were rushed, reports J. M. Gasser & Co. Had all we could do. Sold more plants than ever before and could not supply the demand for violets. Roses did not sell so well as on previous Easters; in fact there was quite a falling off in that line. Not much call for valley.

Elmira, N. Y.—H. N. Hoffman reports that in spite of a stormy week and steady pouring rain all day Saturday the Easter trade showed a good increase over last year. Any sort of good blooming plant selling at from 50 cents up went readily, especially azaleas, lilacs, rhododendrons, deutzias and bulbs in pans. In cut flowers carnations and violets were in most demand. Lilies scarce.

Janesville, Wis.—Rentschler Bros. report Easter trade as 25 per cent better than ever before. They were lucky enough to have 150 Harrisii plants in bloom and sold out clean at an average price of $1.00 per plant. Next to lilies the call was for azaleas, spireas and daisies. In cut flowers violets, carnations and daffodils sold best. In all trade was very satisfactory.

Winona, Minn.—John Wunder reports Easter trade as about 25 per cent larger than last year. There was a good demand for plants and everything in bloom sold well. There was a big demand for lilies and but few to offer. He lost two-thirds of his Harrisii. The call for carnations was larger than for roses, though both sold well. He had to sell roses at $1 and carnations at 60 cents a dozen.

Easter Plant Arrangements. No. 3.

Ogdensburg, N. Y.—Mrs. Thos. Lawrence reports: "Easter trade in cut flowers was ten per cent better than last year. The demand was chiefly in lilies, roses, carnations, violets and daffodils. Plant trade was heavy, fully fifty per cent better than last year. Azaleas, hyacinths, lilies, daffodils and tulips in pots and pans, and Rambler roses, all sold well. Plenty of mud, rain and wind both Saturday and Sunday."

Rochester, N. Y.—F. Schlegel & Sons report: "Cut flower sales were about the same as last year, but more carnations could have been sold if to be had; there was a shortage of them. In blooming plants there was an increase of 10 per cent over last year, azaleas, lilies, H. P. and Crimson Rambler roses taking the lead. Good rhododendrons also found ready buyers. More small plants could have been disposed of.

Hamilton, O.—Theo. Bock says that Easter trade was very good. He had a large lot of flowers, but ran short in carnations and somewhat so in roses. Sold clean out of Murillo, LaReine and Cottage Maid tulips, of which he had a large lot. Had daffodils and Romans to spare. Lilies in pots could have been largely sold, but there were none to be had in quantity. Volume of trade was fully up to last year.

Lansing, Mich.—Robert Mann reports: "Easter trade was very good. All the florists report the best trade they ever had. The call was mostly for pot plants, roses, carnations and lilies; also a good demand for bulb stuff. Trade was fully 25 per cent better than last year. All stock was well cleaned up. The Industrial School had a very elaborate decoration and pretty exercises, which are to be repeated next Sunday."

Pittsfield, Mass.—John White reports Easter sales equal to those of previous years. Had not the weather conditions been very unfavorable double the quantity of stock could have been sold. In cut flowers, carnations led with roses second. Violets sold well. In plants lilies were in greatest demand, azaleas, second. Apparently, blooming plants are in greater demand each year. Anything that is well grown can be sold.

Jackson, Mich.—Lee & Co. report that stock was pretty well cleaned up, although on account of rain most of the orders came by telephone. Lilies, roses, etc., were all in good shape and as good in quality as ever seen here. Prices ranged lower than last year—Daffodils, 40 to 75 cents a dozen; roses, $1.00 to $1.25; carnations, 50 cents to $1.00; violets, 25 cents; lilies, 20 cents a flower. All the florists report a good trade. Violets sold exceptionally well.

Davenport, Iowa.—Otto Klingbeil reports a very good Easter trade. Lilies, genistas, Marguerites, calla lilies, rhododendrons, Azalea mollis, lilacs and lots of other blooming plants sold like hot cakes. Roses and carnations were rather scarce and poor on account of the cloudy weather for the preceding two weeks. Violets, lily of the valley and bulb goods were plentiful and sold at higher prices than last year. Altogether we had a very satisfactory Easter trade and pretty good weather for delivering our plants.

Berlin, Ont.—A. H. Ewing says: "Easter trade about 50 per cent larger than last year, and more spread over from Thursday to Monday instead of being mostly on the Saturday. Roses plentiful, selling retail at $1.50 to $2.50. Carnations very short; the people wanted them badly, and many would not take other flowers in place of them. Flowering plants and ferns sold well. Palms were not in demand. Violets and valley were of good quality and sold well. Tulips and daffs were a drug and not much wanted."

Duluth, Minn.—W. W. Seekins reports that notwithstanding that it rained all day on Saturday, he did the largest Easter business in his experience. Trade in plants was double that of a year ago; cut flower trade about equal to last year. He made a fine display, as did other florists, and this no doubt stimulated trade, as the effect was much praised. Duluth people are buying more flowers every year and are requiring more decorations from the florist, where formerly they did their own decorating.

Oskaloosa, Ia.—The Kemble Floral Co. reports: "The business done here this Easter was fully 25 per cent larger than last year, and the demand larger than the supply, owing to dull cloudy weather. The demand for plants was very light, but I attribute that very largely to the weather. It rained almost continually Friday and Saturday before Easter, so that very few people got out and most of the business was done by 'phone. I find it very hard to sell plants over the 'phone. People like to see them."

Champaign, Ill.—J. E. Yeats reports Easter trade as away ahead of last year, prices ranging about the same. Carnations retailed at 75 cents to $1.00 a dozen, common roses $1.50 to $2.00, beauties $1.00 each. There seemed to be more call for good carnations than anything else. Lawsons sold at $1.50 a dozen. Lilies were very scarce. Lots of decorating was done. Mr. Yeats had six churches to decorate. Business is still keeping up well with good prices. We want more sunshine. Can't get enough flowers.

Marion, Ind.—Gunnar Teilmann reports Easter trade about the same as last year. Everything in cut flowers was cleaned up and many carnations were shipped in. All went at good prices. Plants went well, too. Hyacinths and daffodils in pots and pans, roses, spireas, geraniums, etc. Of lilies there was a pretty good supply, all local grown, and there were a few left over. He had a good crop of Kaiserin roses in and cut nearly 2,000. The weather was unfavorable, cold and cloudy, which hampered trade or there would have been a good increase.

Auburn, N. Y.—Geo. Dobbs & Son report: "The Easter trade was fully as good as last Easter. Everything in the cut flower line was sold, there being nowhere near enough carnations to supply the demand, as every one was short on them. Roses sold well. There was a nice supply of them, too. Lilies all sold, but there was not a very good supply of them. Plants did not sell quite as good as last year, the weather being the cause of that, as it was a very dull and rainy Easter and several days preceding it. Prices were the same as other years. Taking it altogether trade was good and no one can complain."

Utica, N. Y.—C. F. Baker & Son say their Easter trade was 75 per cent better than ever before. It was most decidedly a plant Easter. This was partly due to the weather, it being rainy and wet the week preceding Easter. No novelties were offered, the bulk of the trade being in lilies, hardy roses, lilacs, azaleas, hydrangeas, spireas, deutzias and the usual assortment of bulbous stock in pans, hyacinths, tulips, valley, daffodils, violets in pots. Roses were fine and plenty. The same as to carnations, except the plenty. Violets scarce and poor. Lilies good and abundant, stock of same going mostly to churches.

Fond du Lac, Wis.—E. Haentze reports that Easter trade was probably 10 to 20 per cent larger than last year. The demand for good flowering plants is undoubtedly growing, especially for lilies, hydrangeas, lilacs, Crimson Rambler and other good roses in bloom for the most wealthy people, and hyacinths, tulips and daffodils in pots and pans for the less wealthy class. Azaleas, cinerarias and primroses were less in demand than in former years. In cut flowers the demand was mostly for first-class carnations, Easter lilies, good tulips, daffodils and violets. Roses were not so largely called for and there were but few calls for valley.

Youngstown, O.—Walker & McLean report: "Easter trade in this city has been fully up to our expectations, being about thirty per cent in advance of last year. The best selling flowers were carnations, violets, roses, lilies, tulips, narcissus, in order named. In plants—lilies, spireas, tulips, hyacinths, Ramblers, azaleas, narcissus, lilacs, in order named. This being our first Easter in Youngstown we are unable to make any comparison with former years, but feel sure that there has been a decided increase in the sale of pot plants, and also feel satisfied that the increase in plant trade is due to our having an unusual number of plants in fine condition at the proper time."

Peoria, Ill.—Easter trade was the heaviest ever experienced. Lilies were short in supply and the demand for cut flowers could not be met. Cole Bros. report fair trade. Their hydrangeas were superb and sold well. J. C. Murray reports a very heavy trade on everything. His fancy tea roses sold at sight at $2.50 a dozen. Crane and Marquis carnations were extra fine and sold at fancy prices. Lilies were all that one could ask for and sold rapidly at good prices, also spirea. Loveridge had the finest specimen Easter lilies ever seen in this market; his stock was extra fine. All the stock that could be had was bought and the florists are smiling. The weather was perfect.

Louisville, Ky.—H. Lichtefeld reports: "Easter came in raw and cold. On Saturday it rained and it hurt the trade to some extent. But take it all in all it was satisfactory in general. Prices were about the same as last year. Lots of bulbous stuff was sold. Harrisii lilies were scarce and there were not enough to go around. Callas sold well. There was a good demand for sagos and palms and ferns. Roses in pots sold well. In cut flowers the call was for carnations and roses, hyacinths and narcissus. Some very fine azaleas, hydrangeas and geraniums were to be seen in the stores. All the florists report good sales for Easter.

Easter Plant Arrangements. No. 4.

We are having too much cloudy weather here for this time of the year."

Lowell, Mass.—"Patten The Florist" reports: "A whole week of rain. Saturday night the heavens opened and kept open until after closing time on Sunday and as a result our late receipts of roses, carnations and violets, to the extent of thousands, were left on our hands, which wipes out most of the profits. Lilies ran from good to poor mushy stuff which one of our department stores sold for 15 cents per bud and flower. Also a grower who has a store sold his for the same price. Our sales of lilies increased. No call for callas. Good call for roses and carnations but there was a prohibitive price on them; single daffodils, tulips and pansies in bunches sold well. Hydrangeas and azaleas sold well. Take it altogether it was a very unsatisfactory Easter."

Colorado Springs, Colo.—Wm. Clark reports: "The Easter trade in this city started in brisk early in the week, and although it received a check in the way of a heavy snow fall on Thursday, it was resumed on Friday and continued lively until Sunday noon. The increasing popularity of flowering plants was quite evident, and while the lilies went readily, the demand for other varieties was very strong. Azaleas, hyacinths and daffodils followed lilies very closely, but hydrangeas were slow. In the cut flower line, carnations carried off first prize as usual of late, selling in large quantities. This has been practically the first season for fancy fern balls here, but they have introduced themselves in good shape and will take their place on the list for Easter gifts."

Syracuse, N. Y.—L. E. Marquisee reports: "Sales for Easter greater—some local florists report sales as double last year's—all a satisfactory increase. Prices about as former years' except on carnations, which were higher, fancy varieties, such as Marquis and Lawson, ranging from $1.50 to $2 per doz. Violets were in good demand and every florist ran short. The demand for roses was hardly up to the high water mark of former years. Tulips sold well, both as cut flowers and in pans. Daffodils went slow. Lilies were in usual demand but short crop. Nearly all potted plants sold well, especially roses in bloom. There is from year to year a noticeable increase in the demand for blooming plants. There was about the usual sale on azaleas. As a rule the best stuff in plants and cut flowers sold best. Inferior stuff and the florists who had it both got left."

Springfield, Mass.—Mark Aitkin reports: "I cannot give you any definite report at this early date as it is rather early for me to have my books straightened up. Our book trade was somewhat heavier than last year, and our cash business about ten per cent greater, although it rained here from Thursday morning until Sunday morning. The greater demand seemed to run to potted plants more this year than ever before, lily plants selling well with azaleas, hydrangeas, violets in pots, Scotch heather, primulas and crimson Ramblers. Rambler plants with us were rather poor, so did not meet with great demand. The principal demand was for azaleas, and violets in pots. There was a very strong demand also for cut violets, we alone selling 4,000 more violets this year than last year. The rain was terrific, making delivery very bad and uncertain, but we consider under the circumstances that we came out of it rather well, not meeting with much loss. There was not very much in the line of novelty for the regular run of trade, but for our fine trade

we had to make up a number of large baskets of plants, which proved to be very effective. On the whole, with the terrific storm, I was more than satisfied with the Easter business for 1901, although one of our large dry goods stores had a car load of Easter lilies in pots for sale, of which I hear they had a great quantity left over."

EASTER PLANT ARRANGEMENTS.

We present in this issue engravings from photographs of six Easter plant arrangements seen last week at the establishment of Mr. E. Wienhoeber, Chicago, that we know will be of general interest.

No. 1 shows a tulip shaped birch bark basket with large bow handle which is suitably decorated with the long stem of a Crimson Rambler rose. The other roses are Clothilde Soupert, which with their fullness give the whole a summer effect. Rose pink ribbon is added to carry out the conventional idea of the basket. It was filled to sell at $20.00.

No. 2 stands in contrast to No. 3 because of its more formal appearance. The azalea is Mme. Van der Cruyssen evenly grown and full of flowers and looked well with the olive green matting which is shaped to have the appearance of Mexican pottery. Azalea ribbon was used. Arranged to sell for $15.00.

No. 3 is distinctively an Easter arrangement because the impression is that of virgin whiteness. The azalea, "Niobe," pure white, is chosen, preferably to others with a solid crown of flowers, because of its gracefulness. The fibre matting is also white and the gauze ribbon with which it is tied ends as it were in an egret to grace the beauty of the azalea. Arranged to sell at $12.00.

No. 4 is a birch bark basket trimmed with moss and pine twigs. It is filled as follows: Small areca and asparagus to give height and grace, pink and white hyacinths and Primula obconica for color. To cover soil and relieve stiffness of hyacinths lycopodium is added. The ribbon (No. 16) matches the pink hyacinths in color. Arranged to sell at $10.00.

No. 5 is filled with a number of delicately colored flowers and no color scheme is attempted. The azalea is a delicate pink, the cineraria white, hyacinths light lavender and pink and the narcissus is princeps. Durability is aimed at more or less. Arranged to sell at $10.00.

No. 6 is a white lilac dressed with white matting and finished with Nile green ribbon, which harmonizes well with the delicate green foliage. Very popular. To sell at $8.00.

Easter Plant Arrangements. No. 5.

CARNATION NOTES.

Easter and After.

In this section the weather has been very bad during the past few weeks, just contrary to what it should have been. Five bright days in March (when we usually have some nice weather) is not very encouraging to the grower who expects the Easter rush to help him make his books balance on the right side. But when we read of the snow storms that visited other sections lately we can only be thankful that we had only clouds to contend with.

Few growers, if any, are likely to cut more blooms than they can dispose of just before Easter, even if the weather is fine, but when it remains cloudy for two weeks and we have lots of orders booked we can hardly be blamed for turning on an extra pipe and forcing up the temperature a few degrees higher. But now that Easter is over you must be careful so as to get them into their regular stride again before any serious damage is done to the plants. You will have reduced the temperature by the time these notes reach you, but you must also be very careful in watering. They should be kept dust a little on the dry side for a few days if it clears up, and decidedly so if it remains cloudy. The warm sun may cause them to wilt some, and a light sprinkling over head and dampening the walks will help them materially. Pouring water onto the roots will not keep them from wilting, so don't do it.

A light sprinkling of lime worked into the soil and watered in will help harden the growth if it remains cloudy, but a few bright days will have the same effect if plenty of air is given. Don't stop firing too soon; wait until the weather is warm enough to keep the ventilators open an inch or two all night, without reducing the temperature below the regular mark. There will be many nights when it is rather warm for fires, but too damp without, and you should run at least one pipe and open the ventilators. With the ventilators open the houses can stand it to be several degrees warmer than when they are shut down tight.

A. F. J. Baur.

PHILADELPHIA.

The Easter Trade.

The Easter business was fully up to last years and would have been even better had not rain interfered. The weather was execrable—that is the strongest word our editor will allow us to use—especially on Saturday, when all blooming plants exposed on the streets were ruined. The business done in blooming plants was tremendous, probably two-thirds of the whole business done would be a fair estimate. Rather better value was given this year than in the past, and the retailers bought freely in consequence.

There was no scarcity of anything and stock did not appear to be cleaned up entirely either among growers or retailers. Lilies were not in short supply as anticipated; this was probably due to a slight falling off in demand, buyers preferring other varieties of plants. Azaleas were in great demand; the larger sizes sold especially well, unfortunately there were too many. The weather was partly to blame for this and quantities of six-inch azaleas were left. Hydrangeas were in short supply, and only a limited number of really good ones were seen; these sold well, the poor ones went slowly. Spireas sold exceptionally well in the stores; some of the growers had too many. Crimson Ramblers did not go quite as well as in the past, some being left in the stores, still the sales were good. Rhododendrons, genistas, deutzias, lilacs and daisies all moved well in moderate quantities; valley in pots and pans was popular. Immense quantities of hyacinths, tulips and daffodils in pots and pans were sold. The pans were generally from 8 to 12-inch, all in one color.

Cut flowers sold well, but there were some drawbacks. There was the awful flood of daffodils that swept over us, variously attributed to the South and the violet growers' frames. Be that as it may, daffodils were everywhere at 10 and 12 cents a dozen; one commission man said even then he had 5,000 ready for Easter Monday's business. Another

trouble was with carnations. The same old story. The out-of town shippers held them on Wednesday and Thursday, when they were wanted badly at $3 and $4 a 100; then sent them in on Friday and Saturday in poor shape, so poor that many of them are still in the commission houses or on the dump. It isn't business, gentlemen. Now, do be good.

To return to the market: Long Beauties were plentiful, a little over-done, perhaps, while good shorts were scarce. Prices, $2 to $5; a few fancies, $6 to $7.50; teas brought $6, $8, $10 and $12; a few selected for shipping, $15; the poorer grades did not go well; price, $3 to $5. Carnations were scarce; $4 was asked for fine stuff, $6, $8 and even $10 for fancy. Violets were plentiful; the stores got most of the doubles, the street most of the singles. Smilax and asparagus were in demand; the former at 15 to 20 cents; the latter at 50 cents a string or bunch. Cut lilies sold well at $12 and valley fairly well at $3, $4 and $5.

Notes.

Pennock Bros. were well satisfied with their Easter business. They noticed a falling off in demand for lilies and an increase in that for large azaleas. They sold quite a number at from $25 to $35.

Charles Fox did well. He made up boxes of hyacinths and lilies of the valley which were very popular. These boxes were about 6x18 inches, worth from $3 to $5 when filled.

Mrs. Edgar, Ridge and Columbia avenues, is well pleased with Easter. She did an exceptionally good business and cleaned up nicely.

Jos. Kift & Son complain of naught but the weather; they did well. Some large pans of lilies, six or eight bulbs to a pan, came in good shape from Pabst of Collingwood.

George E. Campbell had a good lot of lilies, azaleas, etc., and sold nearly all.

Albert Woltemate's store in town paid, but not like his regular place at Main and Queen streets, Germantown. This is generally true of the temporary or one-week stands. People get to know and trust their florist.

Samuel S. Pennock did a heavy business. Lilies, smilax, asparagus and carnations were in brisk demand.

Never before were so many plants seen on the street; Saturday's rain made an awful mess of them.

William Berger was well cleaned up except on some bulbous stock.

Few of the retailers slept on either Friday or Saturday nights of last week. Business this week has opened well.

The Germantown Horticultural Society's meeting held on Easter Monday was well attended. There was a good display of flowering plants by local growers. The feature of the show was Pandanus Sanderi, from Henry A. Dreer, which was much admired. Beside it was shown P. Veitchii in good form, from J. W. Young, the points of contrast being clearly brought out. P. Sanderi is a great acquisition and deserved the society's certificate of merit.

Albert Woltemate read a paper on "Lawns and Their Care," and John H. Humphreys one on "Insects." PHIL.

DON'T FAIL to have a copy of the Florists' Manual to guide you during your spring work. It will save you dollars.

BUFFALO.

The Easter Trade.

I am writing this on Easter Sunday; "better the day better the deed." It is early to say how trade has been with all of us, but I can safely say that it was at least equal to last year and I expect to hear several say that it went beyond. The old-fashioned church decoration with a number of memorial pieces is about obsolete, although most churches decorate to some extent. The great and leading feature of the trade was for several years past the purchase of plants or flowers to give to friends. Children sent a plant to Grandma, and Grandma sent a flower to Baby. Girls exchanged presents of flowers and of course the only girl in Freddy's eyes received violets or roses. Even in some extreme and eccentric cases a man sent his own wife an azalea or dwarf Japanese chestnut. The exchange of gifts is enormous and long may it be the custom of fashion with all classes. It blesses those that give and those who receive and incidentally helps the poor florist to lay up a little to spend this year at the Pan-American.

Lilies were in as much demand as ever and more could have been sold. Azaleas sold well but there were enough and a few to spare. Crimson Ramblers went only fairly well. Pans of bulbous stuff went well and moderate priced plants like spiraea went very well. Only plants in flower were wanted and palms and ferns were scarcely mentioned.

In cut flowers it would be hard to say which were the favorites of the three leaders—violets, roses or carnations; the latter touched the high water mark for price for this city. Lawson and the Marquis sold for $2.50 and $3.00 per dozen and no one kicked. This of course seems very humble to Mr. Thorley or Mr. Galvin, but we think it was doing finely. Different firms have a reputation for some particular flower, but certain it is that there were never so many violets sold on any previous day. Everybody wanted them, and particularly did Alphonse send a bunch to Mamie. Locally the weather was not ideal, yet it might have been so much worse that we are truly thankful. Cloudy and slightly chilly, but away above freezing, so altogether we ought to be well pleased with the first Easter of the Century.

Various Items.

Mr. Lorenzo Dunn, the expert fruit grower of St. Catherines, Ontario, had a good look over the Pan-American last week and went away greatly impressed with the beauties of the exposition. Another well known Canadian, Mr. John Chambers, the superintendent of the Toronto Park System, had a good tramp over the territory. Such men as these can appreciate what it is going to be even if the last frills and tucks are not put on. Mr. Chambers, I believe, was surprised and delighted and will not forget to enlighten the thousands of Torontonians who will fire questions at him.

Perhaps many other lines of business have made the phenomenal growth of ours, but we hardly realize it. None have advanced on a surer basis. The love and fondness for flowers and the liking to have them with us is a sentiment of marvelous growth in this country during the last quarter of a century, and is as sure to grow with all classes as is the desire to have a comfortable home with all who have the means. Thirty years ago it was only the very well to do who thought of indulging in roses and carnations. Now all classes claim their share of flower gifts. Good taste, refinement and appropriate accessories on the part of the florist should advance with the ever increasing demand.

Here is a little story almost word for word as it happened on Saturday during the rush. A little lad of seven or eight with lustrous black eyes and tattered clothing crept up to the counter and said, "Please I want a four-cent bouquet." The clerk in his hurry paid little attention but said as a joke, "It takes six cents to buy a bouquet," thinking that would dismiss the urchin. He retreated, but turned up again in two or three hours. This time a young lady asked him what he wanted. "Please, I got six cents now for the bouquet." That would melt a harder heart than that of the good natured girl so the little fellow was given far more than the six cents' worth. "Will they keep till tomorrow, ma'am?" "Oh, yes. What are you going to do with them?" "They are for my mother. She loves flowers and I don't want her to see 'em till I give 'em to her. They're lovely and more than I thought I'd get. Thank you, ma'am." And off went a heart as full of joy as a heart can be. If all our little boys were like him what a nation this would become. W. S.

CHICAGO.

The Easter Trade.

The shipping demand for Easter was far larger than ever before and an immense amount of stock passed through the wholesale houses, though the supply of roses and carnations was short, as anticipated. The prices on roses and carnations went higher than advance quotations and the rates kept hardening until Saturday morning, when there was a decided relapse, as a lot of consignors then began pouring stock into the market, and in short order prices dropped from 25 to 100 per cent on most lines. Most of this could have been marketed at the high figures prevailing on Thursday and Friday, when the dealers were of necessity cutting orders short, and carnations that would have brought $4 readily on Friday were sold at $2.50 on Saturday. But those who got their stock in at the right time got better figures than for some years past, and on the average it was a great Easter. There were lilies enough to go around, and while many were good, the average quality was some little below that of previous years. An immense lot of violets was sold and prices were good except on a big lot that came in Saturday, when it was too late to handle to best advantage.

There was an enormous supply of bulbous flowers in the market and a large percentage of them were of poor quality. First class stock brought good figures, but the great bulk was so poor it is doubtful if they brought enough to pay for the bulbs. Tulips that drop to

Easter Plant Arrangements. No. 6.

pieces while you wait stood no show at all. As to daffodils, Flint Kennicott says: "It rained yellow."

Roses were the scarcest right through and all orders were cut short up to Saturday. Outside buyers who got their rose orders filled were in luck. The outside calls, by the way, seemed uniformly for quality in preference to quantity. Carnations were also in very insufficient supply and those who had good carnations got banner prices with ease and comfort.

Locally the trade was probably a little larger than last year and would have shown a much greater increase had the weather been more favorable on the shopping days. The drizzling rain and raw air undoubtedly kept many from venturing out.

Some of the retailers overstocked a little on lilies, but fortunately all that failed to move for Easter were cleaned up by the large call for flowers in general on the following Monday. Probably the sale of lilies was hurt somewhat by the exaggerated advance reports in the daily papers as to the great scarcity and that prices would put them beyond the reach of all but the wealthy, etc. The florist who feeds that sort of stuff to a reporter is an enemy to himself and everyone else in the trade.

Those retailers who had facilities for handling plants to advantage report an increased demand in that line and there is a continual development in that direction each year. We photographed a number of these plants and arrangements and reproduce some of them in this issue. Others will appear next week.

In plants the Crimson Rambler rose did not go as freely as anticipated, though many were sold, and hydrangeas hung a little, too. An encouraging sign was that the more expensive plants and arrangements moved more freely than last year with those florists who cater to the swell trade, but the great bulk of the sales were of the smaller plants, and pans of bulbous flowers formed the backbone of the trade in most cases.

Trade has been very fair since Easter. Quotations on roses now range from $3.00 to $8.00 and on carnations from $3.00 to $5.00 for fancy and $1.50 to $2.50 for commons.

Various Items.

At the first meeting of the new city council last Monday evening there was a great display of flowers, the mayor and many of the aldermen being literally buried in bloom. In the collection there were some wonderful "designs," but it all helped trade for the florist and made the Monday following Easter a lively one for many in the trade.

Mr. O. P. Bassett has returned from West Baden, Ind., apparently much benefited by his outing.

Mr. Luke Collins has taken a position as foreman for Mr. G. A. Heine, Toledo, O., and after April 15 Mr. James Psenecka will be foreman for Wietor Bros. Mr. Psenecka has been in charge of a section for Wietor Bros. for four years and was last year in charge of the carnation range.

Kennicott Bros. Co. say it was the biggest Easter in their business experience.

Bassett & Washburn say last Friday's sales were the largest of any day since they have been in business.

Wietor Bros.' sales were double those of last year. They were fortunate in having a big lot of carnations just at the right time.

L. Malcher has removed to 369 Wells street.

It was a mistake to attempt to hold a meeting of the club at a date so close to Easter, when everyone in the trade is on the jump.

ST. LOUIS.

Easter Trade.

Easter trade was fully up to the expectations of all the florists; the trade here was a little larger than that of last year. There was an increase in the sale of plants and all the retailers report excellent business. A great many of the orders came in at the last moment and some of us had to work half the night in order to get the orders in shape for early delivery Sunday morning. The plant trade did not present any especially novel features. The West End florists found the strongest demand for lilies and azaleas; foliage plants also sold well this year.

The wholesalers were kept very busy with both shipping and local trade. Great quantities of lilies were disposed of, they being in great demand. In bulb stuff there was a great glut; although lots of it was sold, still lots of it is left over only to be thrown in the waste box. First-class roses sold readily while inferior grades suffered. Some pickled stock came in as usual, which, of course, was left unsold.

High-grade Beauties sold well at $5 and $6 per dozen; Brides and Maids, from $6 to $10 per 100; Meteors, same; Gates, $4 to $8; Perles were very scarce. Cut Harrisii had a great demand at $15 per 100; callas, $12.50 to $15. Carnations sold well at from $4 to $6 per 100. None could be had under $4 and some extra fancy brought $8. Violets were poor and good stock was very scarce. The demand was greater than the supply; 50 and 75 cents per 100 was asked for them. All bulbous stuff was very plentiful and generally speaking good in quality; prices were about the same as usual and the demand fair.

The majority of the florists had their windows handsomely decorated. Ellison & Tesson, Riessen Floral Co., North and C. Young & Sons Co. had a fine display of Harrisii in pots, azaleas and other blooming plants with a fine assortment of cut flowers. In the West End, Weber, Eyers, Waldbart, Newman and others, also made fine displays in their windows, consisting of fine blooming plants of all kinds and a large assortment of the choicest cut flowers.

The growers in the South End report a great plant trade and Schray, Fillmore, Beyer and Windler had all they could do to supply the demand.

Notes.

Report comes from Washington, D. C., that Prof. B. T. Galloway, of Missouri, has been assigned as chief of the proposed Bureau of Plants.

The Missouri commissioners to the Pan-American and Charleston Exposition held meetings last week considering plans for the construction of the Missouri displays at these expositions. The following committee: Messrs. E. S. Gar-

ver. John T. Beal, Rob. M. Post, C. C. Bell, F. P. Graves, appointed only March 23, have already done great work. It is greatly desired by them that the State and County Horticultural Society co-operate with them in its display of fruits. Prof. Trelease, of the Missouri Botanical Garden, will kindly contribute palms and other plants for decorations. The meeting will continue all of this week. J. J. B.

BALTIMORE.

The Easter Trade.

The clouds have hardly cleared nor the combatants rested after the battle so that an adequate estimate can be formed of the operations of the day, and the point of view of the observer, doubtless, will influence the verdict as to the Easter trade.

To an onlooker it would seem that the plant decoration of windows and rooms was hardly equal in extent to last year's. For personal adornment there was less than the usual opportunity of display, the weather being windy and raw, so that the customary parade on Charles street was not a thing to be indulged in longer than was necessary to go through the form and display new hats, gowns and wraps. The women wore mostly violets, great bunches reaching into the hundreds and almost into thousands, adorning their corsage, but some American Beauties were worn, though under trying experiences from the wintry breezes.

Saturday was ushered in by a driving rain, not so cold as penetrating and depressing, and as it came down until near noon the spirit of the dealers sank with it, as it threatened to break up the day's business by keeping people off the streets. Toward afternoon the downfall ceased, but the clouds were dull and leaden, with no inspiration of glad sunshine. Notwithstanding, people thronged the stores and market stalls and the buying continued lively until nearly midnight.

Yet we believe on the whole, there was not the complete clearing out of all kinds of stock witnessed in some years. Perhaps this is due to the larger preparations made, for, taken altogether, the consensus of opinion seems to be that never were there more flowers sold, especially in the markets. Of cheap stuff, hyacinths, tulips and narcissus, there was too great a supply. Calla lilies were in excess of requirements, although there seemed to be at first an insufficiency in sight. Carnations were good and about proportioned to the demand. Of white and Perle roses there was a shortage, but Beauties and pink roses were fairly abundant. Harrisii lilies were not to be had, and many orders went to our cousins of the City of Brotherly Love. The sale of violets was enormous, but more were still wanted and would have been readily absorbed.

The azalea was not in as high favor probably as in former years. Perhaps this statement should be modified to refer to plants of some size. The market men were provided with small well bloomed plants, which found great favor, selling at 75 cents and one dollar, which is a figure at which most buyers of a single plant in the market stop. The Crimson Rambler did not go, as in the days of its earlier introduction, and at several stores today (April 8) fine samples are on hand unsold.

The "stories" in the daily papers did a conspicuous disservice, as usual, to the trade by their exaggeration of the prices and cupidity of the florists. Many persons, who would otherwise be buyers, are frightened off from even trying prices by these exaggerated fictions.

The Florist's Exchange did, as usual, a rushing business, demonstrating anew its lack of capacity of room and accommodations to properly handle the material which comes to it. Ampler quarters would lead to more business, the better handling of stock and to the peace of mind of the buyers.

Various Items.

The market missed the large contributions usually coming in of carnations from John M. Rider, whose houses were partially, and his stock entirely, destroyed by fire some weeks ago, resulting in a loss to him of something like $2,000. A number of the gardeners banded together lately and went down to help him straighten things up somewhat. The houses will be rebuilt. Mr. R. has the sympathy and good will of the entire trade, for he is a good fellow, built on a broad gauge, and one who has achieved marked success as a grower.

Following promptly on Easter are a number of large weddings this week, which naturally will call for many flowers. There will be no scarcity, but the growers are all telling now how different things might have been had bright sunshiny days taken the place of the rain and clouds of last week.

Theodore Eckhardt, a well known gardener here, widely known for his contributions on horticultural subjects to the trade and daily press and who established some years ago a large commercial establishment near this city, has reconsidered his determination to go back to Belgium and has accepted a position at the Springfield Insane Asylum, a state institution, where he will lay off the grounds and superintend the garden work in general. The appointment is one received with much favor, as Mr. E. is a capable and active man.

New houses continue to go up. Two are noticed at Woodberry, the builder at this writing unknown. Another erected for carnations at Melvale by Mr. Baker, and a party was lately looking about Mt. Washington for a suitable site for a large florist's plant. There is consequently no probability of a dearth in the flower market. R.

BOSTON.

Trade Conditions.

The general run of retail trade was very quiet for Easter week up to Saturday morning. This is especially true of classes of goods not usable in funeral work. But of course all were busy in anticipation of a rush the latter part of the week. Many branched out into temporarily enlarged quarters. All put in a heavy stock of potted plant life, and all salesmen of cut flowers hustled to obtain orders ahead. When at last they got their feet placed business did not open up and the lowering skies proclaimed a rain storm, which began Thursday.

Saturday morning a boom opened like the polar current rushing through the Straits of Belle Isle. It was felt first at the wholesale establishments where things jingled merrily in the morning. The witches of Macbeth seemed to have control at the Co-operative Market. It was surely "Bubble, bubble, toil and trouble." To this add equal parts Donnybrook Fair and Baltimore riot, ad lib., and move the decimal point twenty places to the right. "Sooch a pcesness!" But all kinds of goods were plentiful enough to fill all orders at low prices even though there was a demand for something all day long, because at the retail stores it soon became almost as chaotic. Toward night it began to rain again and Saturday night was one of the juciest ever known. But traffic kept right on, even the unprotected street fakirs pushing their sales among the home-going after-theater people in the downpour. There was quite a little left to attend to on Sunday, but not so much as usual, I have an idea.

Points.

Double violets were disgustingly plentiful. Roses came in a mighty close second. Prices on unengaged pinks fell from twenty-five to fifty per cent. Good lilies soon became very scarce and toward night poor ones did also, and prices advanced on them every hour of the day. Single violets were scarce. The new continuous performance theater near Galvin's store is all right. The average of the lilies at Easter was rather poor. They had to be rushed too fast the last few weeks of their growth.

J. S. Manter.

INDIANAPOLIS, IND.

Meeting of State Society.

The State Florists' Association held its April meeting at the Denison House, and by request of President William J. Berterman of the Carnation Society the consideration of and laying plans for next year's carnation convention was made the chief order of business of the evening. There was a good attendance and every member seemed anxious to help make the very best convention in the history of the society, and if the present interest is kept up it surely will be, as we have the men to do it. President Haugh was in the chair and after the matter was thoroughly discussed he appointed a nominating committee consisting of Messrs. E. G. Hill, F. Dorner, Jr., H. W. Rieman, J. S. Stuart and J. Bertermann, with instructions to appoint other committees as they deemed necessary.

This committee was afterwards made an executive committee. They appointed the following committees to arrange for the convention: Finance, H. W. Rieman, J. Evans, M. Heller, F. Dorner, Jr., Geo. Weigand. Exhibition, J. S. Stuart, F. Lemon, E. A. Nelson, J. Hartje, J. Bertermann. Entertainment, E. G. Hill, J. A. E. Haugh, Ervin Bertermann, Wm. Billingsley, H. Junge, Reception, R. McKeand, F. B. Alley, A. F. J. Baur, F. Buckreide, W. W. Coles. Every member present agreed to become a member of the Carnation Society and we hope to have a good many more throughout the state within a month or two.

President Bertermann read a communication from the German House Society offering part of their clubhouse for the meeting and exhibition, and several who have attended various conventions say that it would make an ideal meeting

place. We would rather see it a few blocks farther down town, so it would be handier for the public, but there seems to be no suitable place right in the down town district. The rooms in the Denison House, where it was held several years ago, are far too small to hold us now with our multiplied membership and extensive exhibitions.

There was a table full of choice cut blooms and plants brought in by various members. Stuart & Haugh showed several varieties, including their Avondale. J. Hartje showed several seedlings that looked like trotters. Bertermann Bros. brought some nice tulips. E. G. Hill brought over some roses that attracted much attention. A vase full of a red seedling of his own raising looked to be a fine thing, and a large bright pink bloom which he said was the first bloom from a seedling plant was simply grand. If it forces well it will be a good one indeed. E. A. Nelson showed a good specimen plant of Spirea multiflora superba, also a few blooms of his pet carnation.

Those present from out of the city were E. G. Hill, Fred Lemon, J. A. Evans, from Richmond; J. S. Stuart, J. A. & J. Haugh, from Anderson; F. Dorner, Jr., from Lafayette; J. W. Bernard, from Marion. We missed our friend Kaiserin Augusta Victoria Coles, from Kokomo, as he is usually on hand when something of importance is going on.

Easter Trade.

Easter trade as far as can be judged at this date was as good as last year, but if the weather had been good the latter part of the week it would have surpassed last year at least 25 per cent. The past couple of weeks have been very dark, and Saturday and Friday preceding Easter were damp and chilly, thus preventing many people from venturing out who would have bought flowers. The supply of cut roses and carnations was just about equal to the demand, and in most cases the quality was good, considering the weather we have been having for several weeks. Plants in some lines were abundant, while in others the dark weather kept them from blooming out in time. Lilies and azaleas were abundant, also all kinds of bulbous stock, while hydrangeas and Crimson Ramblers in most cases failed to develop in time.

A. Wiegand had the best line of plants they have ever had of all kinds, and they report sales heavy and prices good. Bertermann Bros. had their store fixed up fine and the conservatory in the rear was a blaze of color. J. Rieman also had his store filled with choice stock. All the growers are satisfied with the business done, but could have sold much more if they had been able to cut more.

E. A. Nelson intends building four new houses this spring for his new carnation. John Hartje has started preparations for moving part of his houses, so as to have them all in one range.

E. Hyatt, foreman for Stuart & Haugh, at Anderson, was a visitor last week, also Mrs. Mathes and W. Beyers, from Franklin. A. B.

PITTSBURG.

Easter Trade.

Easter trade was good considering the miserable weather we had the last four days of the week; if the weather had been better it would have been a record breaker.

Stock was pretty well cleaned up except bulbous flowers, which were too plentiful. Good lilies sold well, a good many poor ones are left over. Carnations, violets and good roses were most in demand. Prices about same as last Easter. More plants are sold here every Easter. Some very pretty things in plants were seen at Breitenstein & Flemm's store a few days before Easter.

Carnations were rather scarce a week before and up to a few days before Easter, retail men and wholesalers cursing the growers for holding back stock for Easter to get better prices. Now, when these same retail, also the wholesale, men ask the grower two or three weeks ahead "How many of this or that can you give us for Easter, we need so and so many," what is the grower going to do to accommodate them unless his houses would all come in with a heavy crop just for the right time? I believe every sensible grower would be satisfied to send his flowers in every day in place of holding them if he would get a better price for the whole week instead of only for two or three days.

About 40,000 people visited the Easter show at Schenley Park Easter Sunday.

BAER.

NEW YORK.

Club Meeting.

The meeting of the Florists' Club, held on Monday night last, was fairly well attended considering it was so soon after Easter and all were tired out. Of course Arthur Herrington's fine paper on "The Land of the Olive" was an attraction and was well worth listening to. Mr. Herrington showed many views illustrating his graphic account of the land of Sunny Smiles. With Walter Sheridan in the chair every club meeting transacts a vast amount of business. The committee on the club's summer outing promised a report at next meeting. The preliminary schedule for the October show was distributed among those present.

The Ways and Means and Exhibition committees will meet at the club rooms April 23. A full meeting is specially requested, as business of great importance must be acted on.

Messrs. Lager & Hurrell exhibited one of their beautiful new cattleyas. The committee awarded it honorable mention. Mr. Herrington exhibited some blooms of the very showy Gebera Jamesonii, which were awarded a certificate of merit.

Easter.

Easter was expected to be a record-breaker and immense preparations were made for it, and a record-breaker it was to be sure, but a heart-breaking one. "The worst Easter I ever had," is the answer from all except the grower of plants. The grower of cut flowers and the wholesaler needs the utmost sympathy in the density and blackness of their wrecked hopes. They must remember that it was the weather, and only the most urgent necessity could justify anyone going out to buy plant or flower in the deluge of rain that poured continuously on the accustomed purchasing days. The retailers plunged heavily in plants and left the cut flower market to shift for itself until the last; even then no flowers were bought, only those needed to fill orders. It was a case of pushing plant sales to save themselves. High prices were asked up to Saturday morning, at which time the market went to pieces. Prices—well, what can be written of them? To be sure the cream of the market, that is a few thousand roses picked from the immense quantity sent in, brought a fairly good price, but the average stock could be got at any price offered. It was a sad Easter.

New York never saw so many plants before. The quality was only fairly good, but the trimming and arranging exceeded in beauty and good taste.

J. I. D.

THE FATE OF THE FLOWERS.

Dedicated to Alice May Dawson, Easter Greeting, 1901.

Two flowers by chance one Easter morn
Met within my lady's bower—
One a rosebud, beautiful red,
The other a fragrant fragile flower,
Both raised by hands with gentlest care
'Neath the hothouse crystal shade—
Then rudely plucked from parent stem
To please some winsome little maid.
"How sad our lot," quoth the vigorous rose
Though sweet while bloom and beauty last—
A few short hours of grand repose
Tomorrow, like all things of the past.
No sacred boon is deemed so fair
But we without one jealous theme
Can't fondly chide and nestle there.
And breathe love's vesper cherished dream.
On banquet, feast and wedding day—
That binds the faithful, loving heart
We cheer them in their happy way.
Our presence lends a peaceful start,
But when we droop our withered heads
Or show our sorrow in decay—
Soon forgotten—off we're cast
Our life is spent, we've lived our day.

WILL A. CUNNINGHAM.

IN THE LAND OF THE OLIVE.

Read by Arthur Herrington before the New York Florists' Club, April 9, 1901.

It was a rapid transportation from the rigors of winter at its worst to the joy and exhilaration of spring in its most genial aspect—from leaden skies, still air and a frost-bound earth to glorious sunshine and its responsive life in tree and flower and song of birds. At 8 p. m. two travelers in winter garb shiveringly awaited the departure of the south-bound "Rapide" from the Gare de Lyon, in Paris. At 10 a. m. next day the same two travelers sought the shaded side of the streets of Marseilles while walking out to the garden of M. Fournier, a place charmingly situated in the suburbs of the city, with commanding views of the busy seaport and the blue Mediterranean beyond. Here we got our first glimpses of that wealth and variety of vegetation that makes the Riviera a paradise to plant lovers, the garden spot of Europe. Here phœnix and cocos, bamboos, magnolias and camellias, grouped and massed, show the garden possibilities, of which more will be said anon, in the "sunny south." But even Nature in her kindliest mood as seen here fails to satisfy M. Fournier, whose first love is for orchids, so the houses containing them are visited. But without giving details mention must be made of about 10,000 seedlings in various stages of advancement, and not a few, once again a result of abundant sunshine, about to flower, though less than three years old.

Leaving Marseilles by an afternoon train

Hyeres

was reached shortly after dark, and the road to the hotel was through an avenue of phœnix of great size and beauty. The plant, flower, fruit and

vegetable industry of Hyeres is enormous, and we made an early morning start to see and learn something about it.

Traversing the before-mentioned avenue of palms, of which there are a double line on each broad sidewalk, our attention is attracted by a novel tree, planted alternately with the phœnix, a tree that at first glance looks like a pinus, but possessed of a slender, airy grace, foreign to that genus, when it suddenly dawns upon us we are confronted by an Australian tree, and it is Casuarina tenuifolia. Here it was a beautiful subject, shooting up clear and straight and conical, like a hemlock, with leafage like that of our white pine and the slender, plumy grace of the tamarisk. Some of the trees were 50 feet in height. It was a singular association, whether by accident or design I could not find out, but it would be a wise thing to take away all the phœnix, and let that avenue become one of the most unique features of the Riviera.

Passing a number of small gardens, all filled with oranges and the ground close cropped with violets, anemones, Roman hyacinths and narcissus, we reach the Jardin de Ville de Hyeres—a sort of public garden containing fine palms and other exotics, all, of course, in the open air; but its feature was its eucalyptus trees. There will be occasion for mentioning this tree later on, but to this garden must be credited the largest specimen seen during the tour—a truly gigantic tree, with a trunk girthing nearly 15 feet and an enormous branch-spread. Yet we were assured that this tree was only planted in 1871.

We next visited the

Jardin du Gros Pin,

which takes its name from a magnificent pine tree standing therein. This was a purely commercial establishment, in short, a phœnix manufactory, where Phœnix canariensis is raised in thousands upon thousands for shipment to florists in northern cities. The plants are raised from seed, potted, plunged in nursery beds, grown in full sun and watered by irrigation. At the time we saw them (February) they were protected by hurdles made of the southern heath, Erica mediterranea, laid on a light frame construction, blocks of an acre being covered in this way, this being sufficient protection for such slight frosts as occur here, while admitting enough light and air to the plants throughout the period of desired protection. Doubtless many readers are familiar with these open-air-grown phœnix, which in three years make stocky plants, about two feet high, and are then shipped north, put under glass, plunged in a bed of tan or other warm material, and in a few months, having made a new set of leaves, are on the market. So sturdy and hard grown are these plants that for shipment north they are packed solid in box cars, as one would load a car of lumber; in fact, we were assured only by the possibility of shipping them in this way could profits accrue.

Besides these small grades, about two acres of ground was covered with a structure made of bamboos and about 15 feet in height, filled entirely with phœnix and growing bamboos by hundreds, in pots and tubs—a grand lot of stock.

A comparatively new culture, too, is the aspidistra, grown in the same way and with surprising results.

The nurseries of MM. Coufourier & Burlat and M. Clin were next visited—a repetition of the foregoing turning out of phœnix in prodigious quantities by similar cultural methods.

Next we visited the establishment of M. Delor, and were introduced to cultures of a totally different character.

By way of preface it should be mentioned that this fertile valley of Hyeres was once a great orange grove, but when orange culture began in Spain, Corsica and other southern latitudes it ceased to be profitable at Hyeres, and the necessity for other more remunerative cultures arose. M. Delor worked out his own salvation by growing roses, or, in strict truth, one rose. Doubtless many of us are familiar with the beautiful buds of Safrano rose, abundant in the flower markets of northern European cities from November onward, and know they are shipped up from the south. M. Delor claims to be the pioneer in this industry, and we saw abundant evidence to substantiate his claim. After several years of experiment he became a one-rose man, and that one rose Safrano. Now he has acres of it. But of especial interest was his original plantation, made 25 years ago, the bushes still vigorous and productive. The way it is profitable is an interesting instance of adapting methods to conditions and environment. Safrano or any tea rose is practically evergreen and never really dormant. In summer heat the flowers are full-blown and useless in a few hours. But the bushes are given a hard pruning early in September, and the resultant growth gives a crop of bloom at a time when the days are shorter and cooler; the buds are cut hard and shipped north packed in light wicker baskets. There are large plots of this rose of different ages, all plants on their own roots, growing in rows about two meters apart, with alternating rows of grapevines.

M. Delor is a plant lover, too, and has surrounded his house with a collection of the choicest. You approach his place through an avenue of Phœnix canariensis, which was as fine as anything we saw. They stand about 24 feet apart, have enormous clear stems about 8 feet high, immense heads of leaves, the tips just touching those of the next plant; and when we saw them all were heavy in fruit, and the effect of the great clusters of yellow fruits beneath the dense umbrageous heads of foliage was extremely beautiful. Alternated between the phœnix were gigantic agaves. The next thing to command admiration were his acacias. The mimosa of the northern flower markets (Acacia dealbata) was everywhere in evidence about Hyeres, in full blossom, but a group at M. Delor's made an impression that will never fade from memory. The trees were about 40 feet high, though only planted in 1882, with spreading heads, branched to the ground, and seen from a short distance in bright sun, beneath a deep blue cloudless sky, it was a picture of beauty to which no words can give adequate utterance nor artist's brush reproduce. Several other species of acacia were also in flower, one particularly deserving of mention being Acacia cultriformis, having small triangular leaves, like those of A. armata, but of a bright silvery color, the shoots terminated by branching panicles of feathery yellow blossoms.

Pittosporums, eriostemons and other handsome Australian shrubs were noted, and last, but far from least, we had come all this way to see and realize the beauty of an American palm, a beauty that words fail to convey and that we in the eastern states know nothing of, or we would surely have it. The palm is Brahea (Erythæa), and as growing in the open ground here surpasses in beauty any palm the writer has ever seen growing under any condition. There were several specimens, the best of them having nearly 100 leaves, in color like polished silver. The bluest of blue spruces growing here would look dull in comparison with this plant. Cannot we have it? We would have to grow it in tubs, but outside in summer it should assume as good color beneath our summer sun. Brahea (Erythæa) edulis was also well grown and abundant in fruit, which we were privileged to taste and found it pleasant, the hard seed enveloped in a sweet pulp.

The Villa Amelie, a private garden, was next visited, Australian plants being the hobby of the at-one-time owner; and here again acacias, eriostemons, metrosideras, pittosporums, haakeas, and others too numerous to mention made a garden unique of its kind, with Grevillea robusta as a crowning feature, and a revelation to anyone knowing it only as the small plants we have in pots; whereas here was a group of trees 30 feet or more in height, with stems girthing 3 to 4 feet, yet still possessed of all the feathery grace of foliage that commends it to our favor in a small state.

Much more of interest might be said of Hyeres and its products—the acres of bulbs, especially Roman hyacinths, the best grown in Europe, the acres of Globe artichokes, the vineyards and fruit gardens and fields of early vegetables.

Leaving Hyeres we were truly in the

Land of the Olive,

a tree of such a distinctive type of beauty, as well as utility, so characteristic all through this maritime district, that after one has seen all that is fairest and best, native and exotic, still the olive comes back to mind as the predominating feature of the natural flora. For miles we pass through olive orchards, where the tree is made subservient to cultural methods and its beauty gives way to utility, a system of pruning prevailing which keeps it low with a flat head, so that its fruits can be gathered standing on the ground. These olive orchards abound on both sides of the railroad till we come to

Cannes,

in and near to which are palatial homes and gardens of exceeding beauty. The first place visited was the Villa Rothschild, owned by Baron Alphonse de Rothschild, and though comparatively small in area, the garden is filled with plant treasures.

A hedge of bamboo 20 to 30 feet high makes a perfect screen from the public streets and a fine background for the massive plantings of palms, agaves, aloes, etc. Near the entrance and first to attract notice is a magnificent specimen of Cocos flexuosa var. Marie Rose, with a stem about 20 feet high, surmounted by a splendid head of leaves. The silvery Brahea Roezli was seen in fine specimens, while the massed plantings of phœnix and washingtonias were truly of tropical luxuriance.

As a substitute for grass beneath and around the palms, Ophiopogon Jaburan

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

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was used and kept as close cut as the grass. Preparations were advanced for the annual March display when the Baron occupies the villa, and we were permitted to view the stock which is brought into flower in a nursery garden close by and then transferred to the beds and borders of the villa garden when in full flower. Five thousand hybrid perpetual roses are forced for this spring display, besides rhododendrons, azaleas and bulbous stock in enormous quantity, the latter, of course, requiring no forcing; but being grown in pots in frames. M. Rans is the able gardener of this lavishly adorned place.

Close by, in the Villa des Luynes, we saw the finest Araucaria Bidwilli in the south of France, an immense tree, 50 to 60 feet high, and of great branch-spread.

We next visited the extensive domain of Lord Rendel, a place beyond the limits of the town, and extending far up the mountain side it possesses unique and varied features. In its lay-out and development the old olive groves and terraces, planted with oranges, have been preserved and combine effectively in the garden scheme. The washingtonias beside the main drive are superb and the phenix magnificent. A specimen of P. senegalensis was noted, heavily fruited and very effective, its fruits being of a rich plum-purple color. Memories of many more beautiful things seen come back, too numerous by far to give in detail here. From Cannes a short excursion was made inland to

Grasse,

a quaint old city famous for its perfumes, and worthy of a visit, if only to see how flowers for the perfume distilleries are grown. To the right and left and below the city, which stands high on the mountain side, are miles of narrow terraces planted with jasmine, roses and other flowers, cultivated under conditions that would seem absurd, only none other are possible. Here is a beautiful country, delightful to live in, favored with a genial climate, and now richly productive, but at what cost! Those long lines of terraces rising tier above tier testify to efforts almost superhuman before the steep, rocky mountain slopes became amenable to cultivation. There was no choice in the matter, and terracing only stops when impossible. The largest and loveliest garden in this paradise of flowers is at Grasse and belongs to the Baroness Alice de Rothschild. A day was spent in it, but no attempt to express in words its varied charms and floral richness can picture it to you. About the house are fine groups and noble specimens of palms, dracænas, agaves, aloes and bamboos, and here again Brahea Roezli stands out conspicuously and strikingly attractive, a plant unique in beauty. From the villa the garden extends up the mountain to an elevation of about 1,000 feet, easily accessible throughout by a cleverly built winding road some two miles in length and of easy grade. A mountain side of olive trees has been transformed into an immense garden by a careful association of shrubs and flowers that make it replete with interest and variety, and yet at all times the charm of the olive is supreme. At a still greater elevation you rise above the olive zone into the pine belt, and here again is noted the same clever association of allied and harmonious types—nature improved by art. Here also we saw, and only at some such elevation can you see and realize, what beauty is in a country full of olive trees. The scene was one that will never fade from memory. Before us and to right and left over many square miles of country nothing but olive trees fanned by a gentle breeze, shimmering in sunshine, their glistening silvery leaves, like millions of tiny mirrors, reflecting dancing sunbeams.

(To be continued next week.)

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—At once, good all-around florist to help grow roses and carnations; sober, honest and upright man; state wages; single preferred. Humfeld Floral Co., Kansas City, Mo.

POSITION WANTED—This spring, near Boston by an up-to-date grower, as working foreman, on a good clean place; strictly temperate; have had large experience with roses and carnations; good wages required; married; age 36; one child. Give full particulars to "Englishman," care Florists' Review.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave., Chicago.

WANTED—At once, a reliable, competent man, to take charge of range of houses growing roses (Beauties Brides and Maids), carnations, mums and violets; will pay $12 per week; permanent situation to right man. Schlarff Floral Co., Erie, Pa.

SITUATION WANTED—By competent grower of cut flowers and plants; good decorator and designer; German, single. Address C. G. F., care Florists' Review.

WANTED—A good all-around man for general greenhouse work; must know his business; $40 a month with board and room. If you can't do a day's work in ten hours don't apply. C. H. Green, Fremont, Neb.

WANTED—At once, good all-around florist for commercial place; state wages and send references. Address A. B. C., care Florists' Review.

WANTED—At once, a first-class grower of roses, carnations, violets and general stock; single; room and board furnished; state wages. Eischen Bros., florists, 129 W. Superior Street, Duluth, Minn.

WANTED—At once, good, reliable man to grow carnations on commercial place. Singler Bros., Morgan Park, Chicago.

WANTED—A good grower of roses, carnations and maiden hair ferns. $30 to $35 per month with board and room. A good home for right man. E. Lacazette & Co., 414 14th Street, Oakland, Cal.

Wanted. A Greenhouse Foreman who thoroughly understands the growing of palms, ferns and bedding plants, also a first-class Packer and several Tree and Shrub Planters, those with a general knowledge of nursery stock preferred. Address Mt. Desert Nurseries, Bar Harbor, Me.

SITUATION WANTED.

As Manager and Grower

For a good reliable firm; thoroughly up-to-date in every department of commercial work; capable of handling men and carrying on the work in a practical manner. Best of references furnished as to character, ability, etc.

Good permanent position desired. Open for engagement April 15th.

Address "Commercial," care Florists' Review.

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Controlling interest in a first-class nursery company, doing a good and paying business, both local and shipping trade, well stocked and a good stock coming on. Location the best for living and growing stock. Long established. Address OWNER, care Florists' Review, Chicago.

Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $9.00 per doz. Latanias, 7-in. pots, 1 plant to pot, $15.00 per doz. Latanias, 8 in. pots, 1 plant to pot, $18.00 per doz. Latanias, 8 in. pots, 3 and 4 plants to pot, 2½ to 3 feet height and diameter, 12 to 14 leaves, $24.00 per dozen. Kentia, 6-in. pots, 1 plant to pot, 3½ ft. in height, $18.00, per doz. Areca, 8-in. pots, 3 and 3 plants to pot, 4½ ft. in height, $4.00 per doz.

J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alysum, $1.00 per 1000. Express prepaid on all rooted cuttings. Cash with orders.

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NASH'S SMALL FRUIT PLANTS LEAD.

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THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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GRAND RAPIDS, MICH.

Easter Report.

The fore part of the week it seemed as though we were going to have a cold Easter, the temperature going as low as 14 degrees at night. The weather indications for Saturday were rain, wind and gales. The rain ceased about 10 a. m. and the remainder of the day was fine, helping to make the business good. Delivery was easy, no plants having to be wrapped. Carnations were scarce, and on Wednesday and Thursday, the main shipping days, all orders had to go out short on some variety, white being the most in demand and shortest in supply. The quality of most of the carnations bought was but medium. Roses were good and some were extra fine quality. Some extra fine blooms on strong, stiff stems brought $2 per dozen, the regular price being $1.25 to $1.50, with Beauties from 15 to 75 cents each. Violets were plentiful and bulb stock a glut; large quantities were sold, but there was too much of it. Lilies were none too plentiful. The best grade sold out to a plant, the second grade with small flowers and short plants, sold well, but did not go as quickly as the larger blooms. As predicted, a large percentage of the lily crop missed Easter, there being plenty of lilies now.

In plants, lilies sold best and brought 15 cents per flower and bud, everything counted, and as there were many buds to few flowers the price was profitable. Cut blooms were $2 per doz. The demand for fine azalea plants was never better, while hydrangeas moved very slowly. No matter how fine the plant, no one seemed to want hydrangeas. Palms and ferns also seemed to have passed out of the list of desirable selling Easter plants. Hyacinths, tulips and daffodils in pans at 25 to 50 cents a piece sold very well indeed. Spiraea did not sell at all.

The volume of trade was about the same as last year. Everybody did a good business and all are satisfied. More good lilies could have been sold. Everything salable in roses and carnations sold out close. Carnations brought 60 to 75 cents per doz., and at a large dry goods store they were sold at 40 cents per doz. It is not known yet who furnished the flowers or their quality. The weather is now warm and sunshiny.

Crabb & Hunter rented a down town store, and did a heavy business in potted plants, no cut flowers being offered.

G. F. C.

THE BEST IN THE U. S.

Please take out my advertisement, as I have sold all my pansies. You have the best paper in the United States to advertise in. I could have sold 50,000 more plants. Had to refuse lots of orders.

J. L. Elliott.

Bethlehem, Pa.

A number of Easter reports that came late are unavoidably crowded out and will appear next week.

Greenwich, Conn.—L. A. Martin, formerly of Tarrytown, N. Y., is now superintendent of the estate of W. H. S. Wood, John Duncan having gone to Boston, where he will be assistant superintendent of the city parks.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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All telegraph and telephone orders given prompt attention.
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Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.**

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ONE DOLLAR FIFTY PER 1000 FOR
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GALAX LEAVES, Delivered **NOW FREE** anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. **Fifty** leaves mailed for **Ten** Cents.

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HARDY WATER LILIES

in order to secure best results this season. We have the largest and most complete collection of Hardy Nymphæas in the world. It embraces American and French hybrids, native and foreign species. For prices see our Spring Edition of Dreer's Wholesale Price List, which is sent to the trade only. We are also pleased to answer all correspondence regarding the making of ponds, best varieties, etc.

HENRY A. DREER
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Strong Plants from 2 x 3-inch pots, ready for a shift.

$6.00 per 100; - - $50.00 per 1000.

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Plumosus, 3-inch, strong, $10.00; 4-inch,...	$15.00
Sprengeri, 2-inch, $3.00; 3-inch, $5.00; 4-inch,	12.00
Primula Chinensis, white and pink, 3-inch,	6.00
" " " 4-inch,	10.00
Rex Begonias	5.00
Ageratum Stella Gurney and Princess Pauline	3.00
Alyssum Large Flowering and Tom Thumb.	3.00
Agathea Blue Daisy	3.00
Abutilons Mixed	4.00
Begonias, Rubra	4.00
" Flowering, in variety	2.50

Cannas....per 100,	$5.00	Geraniums	4.00
Cuphea.... "	3.00	German Ivy	4.00
Coleus .... "	3.00	Feverfew, 3-inch..	5.00
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Lantanas.. "	4.00	Marguerite Daisy.	4.00
Lobelia... "	3.00	Salvias	3.00

I. N. KRAMER & SON,
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J. AUSTIN SHAW,
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Three Volumes Now Ready.

Pay **$2.00** monthly if you prefer. Express prepaid. Write for particulars and sample pages.

Seed Sweet Potatoes.

Yellow Jersey and Yellow Nansemond, per bbl., $2.00; special price on large lots. Can ship any time.

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Bargains in ROSES.

At **$2.50** per 100, **$20.00** per 1000.

A No. 1 Stock. Pink La France, White La France, M. Niel, C. Soupert, Kaiserin, Reine Garret, Bride, Bridesmaid, Etoile de Lyon. Cash with order please.

Joseph Lahr & Sons, SPRINGFIELD, Ohio. R. D., No. 5.

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Grafted Roses.

Liberty **$18.00** per 100.

Maids, Brides, Golden Gate, $12.00 per 100; **$110.00** per 1000.

Strong plants, grafted on Manetti Stock, ready for 4-inch pots, warranted to be first class.

Meteors and Brides, own root, **$3.00** per 100; **$25.00** per 1000.

CHRIS. HANSEN, - ST. PAUL, MINN.

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Variegated Vinca,

Transplanted plants from flats, by mail, prepaid, $1.50 per 100.

Primula Veris and Aquilegia Chrysantha, 2½-in., $2.00 per 100.

For Spring Delivery—Hardy Herbaceous Plants, strong, field-grown, as follows: Aquilegia, single and double mixed, Arabis Alpina, Digitalis, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilia Paniculata, $5.00 per 100. Cash with order, please.

CHARLES S. DUTTON,
85 W. 12th St., Holland, Mich.

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MILWAUKEE.

The Easter Trade.

From opinions of the trade the Easter business seemed to be more than satisfactory. There were enough cut flowers in all varieties to go around, especially lilies, in which a shortage was mostly expected the early part of the week. The most noticeable feature was the great demand for blooming plants, which shows that these are more in favor than cut flowers for this holiday. The supply of lily plants was about equal to the demand, although most of them were late this year.

Many fine window displays were made, most noticeable being Jas. Fox, whose window was filled with large, fancy baskets filled with cut flowers and plants. M. A. McKenney & Co. displayed a fine lot of Crimson Ramblers and azaleas, while Horne Bros. displayed a fine lot of lily plants, backed up with palms and asparagus. Currie Bros. were showing an immense stock of plants in all varieties. Edlefsen's conservatory in the rear of their store was completely filled with a choice collection of plants, and their large show window was an attraction to passersby.

At the market one could get any variety of plants desired and many of the old-time favorite plants displayed there seemed to be as popular as ever. Mrs. Ennis, the Grand avenue florist, is still counting the receipts of Saturday's trade, and P. Kapsalis, whose lease expired in his present location at the close of Easter trade, has reaped enough harvest to carry him through the summer dullness. C. C. P.

West Bay City, Mich.—William Reuther, of Wm. Reuther & Sons, the florists, died suddenly of heart disease April 8, aged 60 years. He was born in Stuttgart, Germany, but had been a resident of this state for 37 years. He is survived by his wife and six children. The business will be continued as before by the sons.

Augusta, Ga.—The residence of Mr. W. K. Nelson, the nurseryman, was recently destroyed by fire, the loss on the house being total. Fortunately a good share of the household effects were saved. A number of outbuildings were also burned. Mr. and Mrs. Nelson have the sympathy of a host of friends in the loss they have sustained.

New Castle Ind.—Peter Weiland will start building the new plant inside of a week. He has already unloaded twenty-two carloads of material and expects eight or ten more, including the boilers. Scraping the ground is now going on.

Poughkeepsie, N. Y.—At the April meeting of the Dutchess County Hort. Society, Mr. I. L. Powell read an interesting paper on carnations.

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WHOLESALE FLORISTS.

Long Distance Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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NOVELTIES OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in **Geraniums**, including the best of last years' and 1899 varieties. This year's leader is our new dwarf **"Little Pink."** No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. **"Clyde"** is the best Mammoth Bruant of its color. Strongest grower we know of. As a **No. 1** bedder. All of this year's **New Carnations**, also standard sorts.

Send for our descriptive price list, which also tells you something of the **best Garden Wheel Hoe on earth.** **W. E. HALL, CLYDE, O.**

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Burpee's Seeds Grow

ROSES.

Strong plants, well established in 2½-in. pots, **$2.50** per 100; **$20.00** per 1,000; 25 at 100 rate; 250 at 1,000 rate.

GOLDEN GATE steadily grows in favor.
BURBANK (Improved Hermosa).
MOSELLA (Yellow Soupert).

Etoile De Lyon, White M. Niel, Gen. Lee, Mrs. Degraw, Climbing Meteor, Maman Cochet Sylph, Mme. Berthod, Media, Cath. Guillot, Marie Van Houtte, H. M. Stanley, Ct's Lily Kingsky, Jeanne Chabaud, Helen Cambier, F. Kruger, Bridesmaid, Muriel Graham.

Strong 2-year-old plants in assortment, **75c** per doz.; **$6.00** per 100.

GERANIUMS, 2½-in., **$2.50** per 100; **$20.00** per 1,000. S. A. Nutt, La Favorite, J. Doyle, F. Perkins, Triumph de Nancy, Le Pilot, Frances E. Willard, Double New Life, Gen. Grant, Jas. V. Murkland.

BOSTON FERNS, 2½-in. pots, 5 to 7 fronds will grow into value quickly, **$3.00** per 100; **$25.00** per 1,000. 4-inch shapely plants, **$1.00** per dozen; **$8.00** per 100.

Asparagus Tenuissimus, 2½-in., **$3.00** per 100. Canna Austria, started plants, **$3.00** per 100.

THE JOHN A. DOYLE CO., Springfield, Ohio.

Mention The Review when you write.

ROSES from 5-in. pots, at 9c; fine clean plants, Clothilde Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Coquette des Alpes, Malmaison, etc. Large flowered **Clematis**, finest purple, white and lavender sorts, extra strong, 3-year, 20c; fine 2-year, dormant or from 5-in. pots, 10c; fine 1-year at very moderate prices. **Clematis Paniculata**, strong dormant plants, 8c; from 5-in. pots, 10c. **Peonies**, strong roots, best red sorts, 5c. Also several thousand Houghton and Smith Imp. **Gooseberry**, 1-year, branched and rooted layers, fine for mail trade, at $5.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER ROCHESTER, N. Y.

Mention The Review when you write.

Grafted Roses.

LIBERTY,
$18.00 per hundred.

MAIDS, BRIDES, GOLDEN GATES,
$12.00 per hundred.
$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

J. L. DILLON, - BLOOMSBURG, PA.

New Roses

THE BALTIMORE (Certificated), color a light pink and of the largest size, flowers throughout the entire season. **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street, BALTIMORE, MD.

Nephrolepis Wittboldii.

Plant of Nephrolepis Wittboldii.

If you haven't yet obtained a stock of this grand new commercial fern you will make a mistake if you do not do so at once. A dozen plants now will be the best investment you ever made.

All who have bought it recognize it as possessing those qualities that will make it a money maker from the start.

Remember we are not sending out weak, puny plants, but Strong, Vigorous Stock that will immediately produce runners if planted out in the bench.

We are offering fine plants, ready for 3 and 4-in. pots, at

$1.00 each, $10.00 per doz., $75.00 per 100.

See our offers of **PALMS, FERNS, ASPARAGUS, CYCAS** and **IVIES** in **Classified Advs.** in this issue of the **Review.**

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Mention THE REVIEW when you write.

Your Last Chance on GERANIUMS....

40,000 Rooted Cuttings Ready to Ship.

Our last crop of Geraniums which we will offer in rooted cuttings is now ready. Our stock is all grown in benches the same as roses and carnations, consequently our cuttings are far superior to the stuff chopped off of pot plants most generally sent out. Strong selected top cuttings, well rooted, ready for 2½-inch pots of the following superb varieties:—Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $2.00 per 100; $18.00 per 1000.

PETUNIAS, double fringed, 8 novelties. White Fawn, Snow-Ball, Mrs. F. Sander, Pink Beauty, Fantasia, Helen Gould, San Juan and Bonnie, 20,000 strong rooted cuttings well rooted, that will make saleable plants in a short time, and ready for immediate delivery, $1.00 per 100, $7.00 per 1000, in variety. Any special variety, $1.50 per 100.

NEW AGERATUMS, Stella Gurney, the grand novelty of 1900, and Snow Drift, the peerless white, strong 3-inch stock plants full of cuttings, 50c per doz.; $3.00 per 100. Strong rooted cuttings, $1.00 per 100. Louise Bonnatt, latest novelty in white, and Princess Pauline, latest blue, strong 2¼ inch, $1.50 per 100; strong R. C., 60c per 100, (special).

NEW SALVIAS, St. Louis and Splendens, strong 2½-inch, $1.50 per 100; strong R. C., 75c per 100, (special).

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

Pot-Grown Tomatoes

Lorrillard and Beauty, 3-in., in bloom, $2.00 per 100. Lorillard D. Champion, Sutton's, Mayflower and Beauty in flats, 15c per 100; $1.25 per 1000.

SMILAX from flats, 30c per 100; $2.50 per 1000.
ASPARAGUS from flats, $2.00 per 100.
Kenilworth and German Ivy, 60c per 100.

Mrs. GRISWOLD, Worthington, Ohio.

Always mention the Florists' Review when writing advertisers.

Trees, Vines, Shrubs, Hedging.

2,000	*Beech.* European and Purple Leaved.
3,000	*Elms.* American and European.
500	*Japan Gingko.*
2,000	*Lindens.* American and European.
1,000	*Magnolias.* In variety.
50,000	*Maples.* Norway, Sugar, etc.
10,000	*Oaks.* Pin, Red, Scarlet and English.
10,000	*Oriental Plane.* 6 to 12 feet.
75,000	*California Privet.* 1 & 2 yrs.
1,000,000	*Shrubs.* All varieties & sizes.
10,000	*Clematis Paniculata.*
10,000	*Rosa Wichuraiana* & Hybrids.
5,000	*Rosa Multiflora Japaniers.*
10,000	*Honeysuckles.* Halls', etc.
5,000	*Dahlias.* Whole roots.
100,000	*Asparagus.* Very strong; 5 varieties.
2,500	*Rhododendrons, Azaleas* and *Kalmias.*
500,000	*Evergreens.* Of all sizes, including Hemlocks, Norways, Colorado Blue, Oriental and Weeping Spruces, Arbor-Vitaes, Retinosporas, Pines in variety. Root pruned and sheared specimens.

Trade list; also new illustrated retail catalogue free.

THE WM. H. MOON CO., MORRISVILLE, PA.

Mention THE REVIEW when you write.

READ THIS! Extra strong, finest and best varieties. Plants from 2½-inch pots. Dreer's finest Double Petunias, $1.00 per 100, 50c doz. Fuchsias, finest 10 varieties, $3.00 per 100, 50c doz. Begonias, Erfordii, Sanderiana, $3.00 per 100, 50c doz. Antirrhinums, Imported German, extra colors and plants, $3.00 per 100, 50c doz. Ivy Geraniums, 6 varieties, and German Ivy, $3.00 per 100, 50c doz. Vinca variegata, $3.50 per 100. Salvia Clara Bedman, $2.00 per 100. Ageratum, 5 best, $2.00 per 100. Trailing Abutilon, variegated, fine, $3.50 per 100. Moonvines, 50c dozen. Cupheas, $1.50 per 100. Cash with order.

GEO. M. BRINKERHOFF, SPRINGFIELD, ILL.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Violet Runners.

Strong Rooted Runners Princess of Wales, from soil, **$1.00** per 100; **$6.00** per 1000.
Cash with order.

HEIM BROS., Blue Island, Illinois.

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

LINCOLN, NEB.

Easter trade with us has been the largest we ever had by quite a good deal and we have been in business twenty years. In plants everything in bloom sold, the call about in this order: Lilies, large roses, azaleas, hyacinths, spireas, and then on into small stock, cinerarias, geraniums, etc. Lilies sold at 12½ to 20 cents a bloom, according to quality of plant.

In cut flowers, carnations led at 50 to 75 cents a dozen. Roses, daffs, violets, hyacinths all sold well. Trade would have been even better if the weather had been right. The first of the week was cold and cloudy and on Friday windy, blowing 50 to 60 miles an hour from sun-up till 11 p. m., but Saturday and Sunday were all that we could ask—clear and warm and no wind to hinder delivery. This helped largely in getting all orders out on time. Have not had time to see the other florists, but presume trade was equally good with them.

Prospects for spring trade are good and you will probably see us at Buffalo dressed in a smile and a tall hat while we "watch" the boys try to bowl. As for ourselves, we are getting bloated and can't bowl; it takes our spare time to clip coupons.

Yours for biz while there is biz, and bowls when there isn't.

CHAPIN BROS.

KALAMAZOO, MICH.

The florists in this city have every reason to be pleased with their Easter trade. They were all well supplied with stock of superior quality, the demand was good, prices right and weather favorable. Roses were plentiful, of fine quality and sold readily at $6 to $8.

Owing to the backward weather for some weeks back carnations were a good week late. The quality was excellent, but there was not nearly enough to go around; 65 to 75 cents per dozen was the price. The show of lilies was really good, clean and well grown, and went like hot cakes at 20 cents per bloom. Bulbous stock was there in large lots and sold well at fair prices. Wholesale prices ruled much the same as in Chicago.

The Van Bochove Bros. had their Beauties right in on time, an excellent cut of very high grade blooms which they easily disposed of at $6 to $8 per dozen. They had some heavy calls for smilax, ferns and asparagus.

Sales of pot plants were about the usual Easter average.

Visitors in town: Mr. Skidelsky, New York; Mr. Allard, Lawton, Mich., and Mr. Vogt, Coldwater.

G. Van Bochove & Bro. are building a house 150x26. RIBES.

CANTON, ILL.—A. J. Macarty, the florist, died October 21 last of apoplexy. He was of a cheerful, generous disposition and his death was mourned by a host of friends. The business is being continued by the widow and daughter, who, in addition to bearing their sorrow, have done all the work without any outside assistance. They report a very good trade.

TOUGHKENAMON, PA.—Michael Keating has leased the greenhouses of Isaac Larkin.

Cycas Revoluta....

DORMANT STEMS.

Our importations of Cycas Revoluta have been received in excellent condition and we offer dormant stems in sizes from 4 to 30 pounds each.

10 cents per pound in lots up to 100 pounds.
9 " " " " 200 "
8 " " " " 500 "
7 " " " " 1000 "

Henry A. Dreer,

714 Chestnut Street,

Philadelphia, Pa.

Mention The Review when you write.

Special Trade List for the month of APRIL.

	Per 100
Asparagus Cormorensis. This is a novelty of great merit. It looks similar to Asparagus Plumosus, but grows much more vigorous and will make very long strings in a shorter time, 2-inch pots	$4.00
Asparagus Plumosus, 2-inch pots	3.00
Alyssum Double Giant, 2½-inch pots	3.00
Ageratum Princess Victoria Louise, new, 2½-inch pots	3.00
Princess Pauline, 3-inch pots	3.00
" dwarf, dark blue, 3-inch pots	3.00
Clematis, large-flowering varieties, 2 years old	per doz., $4.00
Clematis Paniculata, 2 years old, 4-inch pots	10.00
1 year old, 3-inch pots	5.00
Carnation Ethel Crocker, strong plants, 2½-inch pots	3.00
Lizzie McGowan and Wm. Scott, 2½-inch pots	2.00
Geraniums, best bedding varieties, strong plants, 3-inch pots	4.00
America, the best single light pink, 3-inch pots	8.00
Mars and Le Pilod, 3-inch pots	5.00
Lobelia Pumila Splendens, new, dark blue, white eye, 2½-inch pots	4.00
Empress William, 2½-inch pots	3.00
Forget-me-not, Alpestris, blue, white and pink clumps	3.00
Periwinkle, variegated, 4-inch pots	per doz., $1.00
2½-inch pots	3.00
Passiflora Cerulea, Pfordii, 3-inch pots	5.00
Salvias Splendens and Clara Bedman, 2½-inch pots	3.00

We can supply any quantity of Rooted Cuttings **Chrysanthemums, Carnations, Verbenas, Coleus, Alternantheras, Geraniums.** Prices of these on application.

C. EISELE, 11th and Jefferson Sts., Philadelphia.

Mention The Review when you write.

I HAVE 25,000 SHADE TREES of Sugar Norway, Silver and Scarlet Maples, 1 to 4 inches diameter. Elms and Lindens, 12 to 16 ft. 1000 White Birch, 8 to 10 ft. 2000 Purple-leaved Beech, 1 to 3 ft. 3000 Hydrangea Pan. Gran. XX strong. 10,000 Evergreens all sizes and kinds. 5000 Arbor-Vitæ Trees, 4 to 7 ft. 2000 Retinospora Aurea and Colorado Blue Spruce 3 to 5 ft. 5000 Clematis Pan. Gran. and other large-flowering sorts XX strong. 20,000 California Privet 2 to 4 ft. 10,000 Hardy Roses. 3000 Crimson and Yellow Ramblers, all XX strong, on own roots. Fruit Trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large. Asparagus Plants. 200 Golden Oaks, 8 to 10 ft. Florists, Landscape Architects, Superintendents of Parks and others wanting stock should call on me or write.... **STEPHEN CRANE,** Proprietor Norwich Nurseries, **NORWICH, CONN.**

Mention THE REVIEW when you write.

Geraniums. Single and Double Grant, S. A. Nutt, E. G. Hill, A. Ricard, from 2½-in., $2.50; from 3-in., $3.50 per 100; mixed at 50c less. Stock plants of above with Poitevine and La Favorite, from 4 and 5-in. pots, fine plants, $8.00 and $10.00 per 100. Will now book orders for 3½ and 4-in. pots at $4.00 and $5.00 per 100. **Petunias,** single Grants of California. **Verbenas,** best Mammoth, in separate colors. **Lobella,** dwarf and trailing, 2½-in., $2.00 per 100. Rooted Cuttings. **Coleus** Verschaffelti, 75c. per 100. Golden Bedder. **Ageratum** dwarf blue. **Alyssum** dwarf, 50c per 100. Cash please.

J. AMBACHER, LONG BRANCH, N. J.

Mention THE REVIEW when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Always mention the Florists' Review wher writing advertisers.

CALADIUM... ...ESCULENTUM

1st size, 9 to 12 inches circ..... $4.00 per 100
2d size, 7 to 9 " ..... 2.00 "
Write for special prices on larger lots to

B. H. RITTER, - PORT ROYAL, S. C.

Mention The Review when you write.

Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

JOHN WELSH YOUNG,

Germantown, Philadelphia, Pa.

Upsal Station, Penna. R. R.

Mention The Review when you write.

SPECIAL BARGAINS.

After Easter Clearance Sales.

Better get your stock now for Baskets and Vases and for bedding out, before it is all sold. Don't put it off until you can't get it.

We offer good stock of the following articles, all from 2½-inch pots, except where noted.

	Per 100
Alyssum Sweet	$1.50
Ageratums, 4 sorts	1.50
Asparagus Sprengeri	2.50
Acalypha Sanderi	3.00
Acalypha Marginata	2.50
Acalypha Triumphans	2.50
Acalypha Tricolor	2.50
Abutilons, 6 colors	2.00
Begonias, flowering varieties, 10 sorts	2.50
Carex Japonica, fine for vases	2.50
Cannas, 6 leading varieties, fine plants, well established in pots	3.50
Clerodendron Balfouri	2.00
Coleus, in best bedding varieties, per 1000, $18.00	2.00
Cyclamen Persicum Giganteum	2.50
Calla Lilies, blooming bulbs	3.00
Dracaena Terminalis, 3-inch pots, $1.00 per doz.	
Dracaena Indivisa, fine plants, $25.00 per 1000	3.00
Ferns, Nephrolepis Exaltata	2.00
Ferns, Nephrolepis Bostoniensis, The Boston Fern, per 1000, $22.50	2.50
Ferns, Nephrolepis Cordata Compacta	2.00
Fuchsias, double varieties	3.00
Fuchsias, single varieties	2.50
Geraniums, leading varieties of double and single, per 1000, $25.00	3.00
Honeysuckles, 4 sort	2.00
Heliotropes, 6 sorts	1.50
Hibiscus, 10 sorts	2.50
Hibiscus, 10 sorts, extra fine plants, 3-in. pots	4.00
Hoya Carnosa, wax plant, 3-inch pots, per doz., $1.00.	
Hydrangea Paniculata Grandiflora, 3 to 5 canes, about 3 feet in height	12.00
Ivy, English	2.50
Jasmine, Maid of Orleans	3.00
Jasmine, Grand Duke	3.50
Lemon Ponderosa, the Giant Lemon, fruit weighs 2 to 4 lbs., a great pot plant	6.00
Lantanas, Weeping, fine for baskets and vases	2.00
Lily Candidum, fine bulbs	4.00
Myrtus Communis, sweet German Myrtle	2.50
Orange Otaheite	3.00
Orange Otaheite, 3-inch pots	4.00
Primula Obconica	1.50
Primrose, Chinese, white and pink	2.50
Phrynium Variegatum, elegant foliage	2.50
Plumbago Sanguinea, pink flowers	3.00
Palms, Corypha Australis	3.00
Palms, Areca Lutescens, 3 plants in a pot, 4-inch pots, $2.00 per doz.	
Palms, Areca Lutescens, 3 plants in a pot, 3-inch pots, 75c per doz.	
Palms, Latania Borbonica, 3-inch pots, 60c per doz.	
Palms, Latania Borbonica, 6-inch pots, 4 to 5 leaves, $6.00 per doz.	
Palms, Phoenix Canariensis, 3-inch pots, 60c per doz.	2.50
Rus-thus, 3 sorts	2.00
Sanseveria Zevlanica	2.00
Swainsona, white and pink	2.50
Stephanotis Floribunda	3.00
Spirea Anthony Waterer, the new red Spirea	2.00
Smilax, 2-inch pots, per 1000, $12.00	1.50
Tuberoses, fine bulbs, per 1000, $5.00.	
Verbenas, assorted colors	1.25
Verbenas, named sorts	2.00
Vinca Variegata, white and green foliage, fine for baskets and vases, we have 20,000 plants to offer, per 1000, $17.50; $2.00 per 100.	

ROSES! ROSES! ROSES!

We can supply the choicest varieties of Teas and Hybrid Teas, 2½-inch pots, at $2.00 per 100. Polyanthas and Climbers, from 2½-inch pots, at $2.00 per 100. The above from 4-inch pots at $8.00 per 100. We can supply the following Hybrid Perpetuals, from 2½-inch pots, at $3.00 per 100—Mme. Masson, Gen. Jack, Mme. Chas. Wood and Paul Neyron. These varieties, from 4-inch pots, at $10.00 per 100. We have strong Crimson Rambler, from 2½-inch pots, at $2.50 per 100 and $22.50 per 1000. Psyche, the new Rambler, identical with Crimson Rambler, except that the flowers are bright pink. The only companion of Crimson Rambler, 2½-inch pots, $4.00 per 100.

Our new April Wholesale Catalogue is just issued and will be mailed to all applicants. Write for it today.

The Largest Rose Growers in the world.

THE GOOD & REESE CO., Springfield, Ohio.

Mention THE REVIEW when you write.

JUST ARRIVED

IN SPLENDID CONDITION,

Multigrafted Maples.

The gem of the Japan Maples is the **MULTIGRAFTED.** The most contrasting sorts, blood red, golden yellow, dark purple with color, etc., are grafted on one stem, producing, when leaved-out, a very **"bouquet of foliage."**

We can furnish two sorts: Each 10 100
Grafted on straight stem 50c $5.00
Grafted on two stems, twisted in shape of 8 ..... 60c 6.00 40.00

For other bargains in Seeds, Bulbs, etc., see our ad. in issue of March 28.

H. H. BERGER & CO.,

Est. 1878. **47 Barclay St., NEW YORK.**

Mention THE REVIEW when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention THE REVIEW when you write.

Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootton, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, etc.

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 2-and 2½-inch. Extras.

CANNAS in 4-inch.

YINCAS, PELARGONIUMS, etc.

Write us about **BOSTON FERNS.**

COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

GERANIUMS.

	Per 100
10 best varieties, 2½-in. pots	$3.00
10 " " 3½-in. pots	4.00
Alternantheras, yellow, **$1.50;** red	2.00
Coleus, 2-in. pot, 15 varieties	2.00
Asparagus Sprengeri, 2-in. pot	2.00
Asparagus Decumbeos	10.00
Verbenas, 15 varieties, 2 and 2½-in. pot	2.00
Vioca Vines, 2 varieties, 2-in. pot	3.00
Smilax Seedling	.75
Pansy Plants	1.50
Carnations E. Crocker and F. Hill, 2-inch pot	4.00

CASH.

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

Antirrhinum Black Prince.

Introduced from Germany last year.

Finest snap-dragon in cultivation. Grows 2½ feet, very large spike, color a very dark crimson, giving the lustrous effect of red velvet. Fine for cut flowers and will become a standard bedding plant when known. Stock limited. Orders filled in rotation. **$1.00** per doz. Cash, postpaid.

F. W. FLETCHER & CO.,
AUBURNDALE, MASS.

Mention The Review when you write.

CLOSING OUT TO MAKE ROOM.

10,000 KENTIA BELMOREANA

HEALTHY STOCK, in fine condition, Home Grown, 15 to 20 inches high, averaging 4 leaves, $15.00 per 100, $125.00 per 1000.

ORDERS FILLED SUBJECT TO BEING UNSOLD.

SIEBRECHT & SON, - - - NEW ROCHELLE, N. Y.

Mention The Review when you write.

DETROIT.

The Easter Trade.

Taken altogether, the florists have no complaint to make as to the Easter trade. The weather was very variable, being cloudy and cold on Tuesday and Wednesday, with fine clear days Thursday and Friday, only to set in with rain and cold on Saturday, which caused a good many purchasers to order by telephone instead of visiting the stores, thus buying less and making fewer cash sales, for all the telephone orders are charged.

In plants, lilies took the lead, but stock was none too plenty. All the retailers report plant sales as satisfactory, with many more sales of bulbous flowers in pans than formerly.

Various Notes.

B. Schroeter did a very fine decoration for the leading dry goods firm last week, decorating 56 columns, using wild smilax and 5,000 artificial morning glories, 48 large baskets, together with over 400 plants of lilies, azaleas, etc.

Several growers failed to get their lilies out for Easter. Rackham was, of course, in the front rank with the largest number to be disposed of after instead of before Easter. But he intends to be in it next year. He has already started the building of a new house that will stand a temperature of 90 to 120 degrees and has ordered nothing but sound bulbs, so there is still hope.

From all reports this Easter was a trifle better than last year, both in prices and the quantity of stock disposed of.

RAG.

PEORIA, ILL.—Mr. Nelson Cole, of Cole Bros., is reported to be a very sick man.

WEBSTER, MASS.—Mrs. A. L. Converse, the florist, died March 22, aged 68 years. Death was due to heart disease. Mrs. Converse was an active, energetic business woman and had made a marked success as a florist.

CINCINNATI, O.—B. P. Critchell is convalescing from his severe illness, and it is hoped will soon be able to attend to business again.

ST. THOMAS, ONT.—The greenhouses of Webster & Co. were destroyed by fire March 25. Loss $3,000, with no insurance.

NIAGARA FALLS, N. Y.—The annual convention of the American Association of Nurserymen will be held here June 12, 13 and 14.

HOLYOKE, MASS.—Mr. E. M. Wood, of Natick, delivered a lecture on the evolution of the greenhouse before a joint meeting of three horticultural societies held here March 27.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000
Mrs. Leopold Ine	$7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	3.00	25.00
Genevieve Lord	3.00	25.00
Crocker	$2.50	$20.00
Peru	2.50	20.00
Daheim	3.00	25.00
America	1.25	10.00
Mrs. Bradt	2.00	17.50
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	$1.00	$9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

ROOTED ROSE CUTTINGS.

	100	1000
Bridesmaid	$1.50	$12.50
Bride	1.50	12.50
Golden Gate	$1.50	$12.50
Meteor	1.50	12.50
Perle	$1.50	$12.50

ROSE PLANTS from 2½-inch pots.

	100	1000
Liberty	$12.00	$100.00
Bridesmaid	3.00	25.00
Bride	$5.00	$25.00
Meteor	3.00	25.00
Perle	$3.00 per 100; $25.00 per 1000.	
Golden Gate	$3.00	$25.00
Kaiserin	3.00	25.00

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

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Rooted Carnation Cuttings...

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

		100	1000
Sport,	Pink	$5.00	$40.00
	Armazindy	1.50	12.50
Triumph, Flora Hill		1.50	12.50
White Cloud, Evanston			
Armazindy, Portia		$1.00	$7.50
McGowan		1.00	7.50
Kohinoor		1.00	7.50

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TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching, small plants ready for transplanting, 15c. per 100; 75c per 1000; $5.00 per 10,000. If by mail add 10c per 100.

LETTUCE.—Grand Rapids, Curled Simpson and other varieties 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10 cts. per 100.

CAULIFLOWER.—35 cts per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

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Lawson, $4.00. Jubilee, $1.25; Crane, $2.00. Bradt, $1.50; Hill, Scott and Eldorado, each 75c.; per 1000, $6.00.

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Admiral Cervera,

Yellow variegated, free and very healthy, easy to grow.

Goethe,

fancy light pink (or Daybreak), steady bloomer, stock in splendid condition.

CUTTINGS DELIVERED NOW.

$10.00 per hundred $90.00 per thousand.

C. BESOLD, MINEOLA, L. I., N. Y.

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Pansies—Large transplanted plants of Bugnots, Cassiers and Odier, 50c per 100, $3.00 per 1000. Extra large plants, coming in bud, $1.00 per 100. Mammoth Verbenas, large plants, red, white, blue and pink separate or mixed, 60c per 100, $4.00 per 1000; 2-inch, $1.25 per 100.

Geraniums—Nutt, Grant, Red Bruant and La Favorite, 4-inch, $6.00 per 100. Heliotrope, rooted, mixed, $1.00 per 100. Ageratum Blue Beauty, rooted, 75c per 100.

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A Reference Book for Commercial Florists

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

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The 1900 Novelties—Morning Glory and Ethel rocker $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $6.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $5.00 per 100; $40.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

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CARNATIONS.

THREE GOOD PINKS.

Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

White Cloud. Maceo, $1.25 per 100.

Mrs. Bradt, G H. Crane, $2 per 100.

HARDY PHLOX

Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at **$5 00** per 100 and rooted cuttings at **$1 25** per 100 or **$10.00** per 1000. I have some ten thousand of these growing now and ready for sale.

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On Top-As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 10 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

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The Marquis largest rich pink	$1.00	$15.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker clear pink	3.50	30.00
Genevieve Lord best pink	5.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost pink money maker	2.00	15.00
White Cloud true white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America light pink	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

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PLANTS -- PLANTS -- PLANTS

	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
New Geranium De Roo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud 3-in	10.00
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Sedum Variegatum, border plant, 2¼-in	1.50
Cigar Plant, 2¼-in	1.50
California Moss, hanging basket plant, 2½-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2¼-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2¼-in	1.50
Salvia, Clara Bedman, 2¼-in	1.50
Iresines, mixed, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2¼-in	1.50

	Per 100
Vinca, green trailing, 2¼-in	$1.50
Vinca, green trailing, 6-in	15.00
Vinca, variegated, 6-in	20.00
Marguerite or Paris Daisy, white 2½-in	1.50
Ageratum, Princess Pauline, 2¼-in	1.75
Nasturtiums tall, also dwarf, mixed, 2¼-in	1.50
Heliotropes, mixed, 2¼-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Petunias, choice double mixed, 4-in	5.00
	Per 1000
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rate, 250 at 1000 rate. Cash or C. O. D.

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All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

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Norway The Queen of Commercial White Carnations. Secured 91 points at Baltimore. Awarded First Prize for 100 white, Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment.

Egypt A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10 00 per 100; $75.00 per 1000.

Genevieve Lord The Greatest Money-Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100; **$30.00** per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. **50c** each; **$3.00** per doz.; **$30.00** per 100.

Complete list of Other Novelties and Standard Varieties. Catalogue ready; write for it.

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Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

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50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots. Brides and Maids, $3.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

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CARNATIONS!

Let us figure on your wants.

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Trailing abutilon, variegated, fine, 2½-in., $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

Achyranthes, rooted cuttings; 3 varieties, 75c per 100. Jerome Harley, Media, Pa.

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Ageratums. Per 100: Princess Victoria Louise, new, 2½-in., $3.00; Princess Pauline, 3-in., $3.00; dwarf, dark blue, 3-in., $3.00. C. Elsele, 11th and Jefferson Sts., Philadelphia, Pa.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 288, Nashua, N. H.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum Princess Pauline, 2½-in. pots, $2.50 per 100; 3½-in., in bloom, $4.00 per 100; rooted cuttings, 60c per 100, $4.00 per 1,000. Jerome Harley, Media, Pa.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratums. Per 100: Princess Pauline, 2½-in., $2.00; Stella Gurney, 2½-in., $3.00. Phoenix Nursery Co., Bloomington, Ill.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouses, Danville, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 2¼-in., $1.50 per 100. Rooted cuttings, 60c per 100. Buckley Plant Co., Springfield, Ill.

Ageratums, 3 best var., 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

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Alternantheras, aurea nana and paronychioides major, rooted cuttings, 60c per 100; $5.00 per 1,000, prepaid. Cash.
G. W. Weatherby, Chillicothe, Mo.

Alternantheras, rooted cuttings, red and yellow, fall stock, 50c per 100; $4.00 per 1,000; 5,000 for $7.00. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red and yellow, well rooted cuttings, 60c per 100, $4.00 per 1000. Davis Bros., Morrison, Ill.

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Alternantheras, sorts, 2¼-in., $2.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

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Alyssum, var., 2½-in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Alyssum, Double Giant, 2½-in., $3.00 per 100. C. Elsele, 11th and Jefferson Sts., Philadelphia, Pa.

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Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Dbl. sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½-ft....	$3.00	$40.00
Ampelopsis Veitchii, 1½ to 2-ft....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½-ft....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

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Antirrhinums, imported, 2½-in., 60c per doz.; $3.00 per 100. Cash.
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We are headquarters for water lilies and aquatic plants of all kinds. We shall be pleased to furnish estimates to those intending planting either large or small ponds. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Rare hardy water lilies; also the Sacred Lotus and its varieties. Grown and for sale by W. J. Richards, Wayland, Portage Co., Ohio. Write for catalogue.

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Araucarias, large plants with 4 and 6 tiers, $1.00 each; $10.00 per doz. J. W. Howard, 330 Broadway, Somerville, Mass.

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	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	3-inch	1.50	12.00
Sprengeri	4-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus cormorensis, a novelty of great merit, 2-in., $4.00 per 100. A. plumosus, 2-in., $3.00 per 100. C. Elsele, 11th and Jefferson Sts., Philadelphia, Pa.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000, prepaid.
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A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus plumosus nanus seed, new crop now ready, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus Sprengeri, 2-in., $2.00; A. decumbens, $10.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100. Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 2½-in., $4.00, and A. plumosus nanus, 2-in., $5.00 per 100.
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Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus tenuissimus, 2½-in., $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

A. Sprengeri, 2-in., $3.00; 2½-in., $4.00 a 100.
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
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Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 2½-in. pots, $12.00 per 100.
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Bananas planted now at the north grow 8 or 10 feet high by winter, when they can be dug, placed in cellar until spring. Then reset and they begin at once to grow, and produce an indescribably beautiful bloom, which lasts 4 to 6 weeks, and is sometimes followed by regular bunch of bananas. They are the most tropical in appearance and yet the most easily and quickly grown of all plants. Good tubers with full directions, 20c, 3 for 50c, postpaid. South Florida Nursery Co., Dade City, Fla.

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Rex Begonia Cuttings. A great bargain. Our collection is very fine, including many elegant varieties. These are fine, well rooted cuttings, with from one to three leaves. Will make fine plants in a few weeks. They are going at a bargain to make room. $1.76 per 100; $15.00 per 1,000; 500 at the thousand rate. G. R. Gause & Co., Earlham View Greenhouses, Richmond, Ind. Cash, please.

Begonia Gloire de Lorraine, 2¼-in. pots, $15.00 per 100. Begonia Gloire de Lorraine nana compacta, 2¼-in. pots, $15.00 per 100. This stock guarantees absolutely free from disease. Thomas Roland, Nahant, Mass.

Begonias Erfordii and Sandersoni, 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

If you read these advs. others would read yours.

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Fine excelsior pearl tuberoses, 4 to 6-in., $4.00 per 1,000; 3 to 4-in., $2.00 per 1,000. Caladium esculentum, Marmolata, 1-ft.; Capa Jessamine (grandiflora), Ampelopsis Veitchii, 2 to 3-ft., cyperus alternifolius, ready for 4-in. pots; cannas. Write for lowest prices. Gulf Coast Nurseries, Galveston Co., Dickinson, Tex.

Caladium esculentum, 5 to 7 size, 100....$2.50
Caladium esculentum, 7 to 9 size, 100.... 4.00
Caladium esculentum, 9 to 11 size, 100.... 7.00
Tuberoses, first size, Pearl.....$5.00 per 1,000
Tuberoses, second size, Pearl.... 3.50 per 1,000
Don't fail to get our 12-page catalog; just issued. PLANT SEED CO., St. Louis, Mo.

Richardia alba maculata bulbs.

	Inch dia.	Per 100.
500 1st size	2¼ to 3	$2.50
700 2d size	2 to 2¼	2.00
1,000 3d size	1½ to 2	1.50

The 1st, 2d and 3d size for $35.00.
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FANCY CALADIUMS. 25 best named varieties, extra large bulbs, $5.50 per 100; $50.00 per 1,000. Also 6,000 gladiolas, fine mixed, $1.50 per 100; $12.00 per 1,000. Cash with order. W. Nelson, P. O. Box 1450, Paterson, N. J.

I am now prepared to quote prices on all summer, fall and winter bulbs, tuberous roots and plants. Send in your lists, prices will be cheerfully submitted. F. W. O. Schmitz, Jersey City, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $12.00 per 1,000. Mackay & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Tuberoses, Double Pearl, largest size, 80c per 100; $5.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Caladium esc., 1st size, 9-12, $4.00 per 100; 2nd size, 7 to 9, $2.00 per 100. B. H. Ritter, Fort Royal, S. C.

Freesia bulbs, ½-inch up, $3.00 per 1,000; ¼ to ½-inch, $1.25 per 1,000. Cottage Nursery, San Diego, Cal.

Caladium esc., from 3-5 up to 12-in., in circ., $5.00 per barrel. Cash.
C. G. Nanz, Owensboro, Ky.

CANNAS.

Chas. Henderson, Queen Charlotte, Paul Bruant, Egandale, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Sophia Buchner, Austria, Burbank, Oriole, Am. Flag, dormant roots, $2.50 per 100. Cash.
G. W. Weatherby, Chillicothe, Mo.

The new canna Golden Age, a beautiful, rich-golden, fine-petaled canna without spots or stripes; nothing like it in existence. Strong roots, 2 and 3 eyes, 20c each; $2.00 per doz. Express prepaid. O. P. Moore, Ocean City N. J.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1,000. Austria, strong plants from pots, $2.00 per 100. Paul Marquant, strong plants from pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas. Strong roots of the best varieties. Italia, Austria, Vaughan, Allemania, America, Charlotte, etc., per 100, $2.00. Cash with order. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

300 large bronze-leaved cannas, 7 to 8 ft., $1.00 per 100. 300 large green-leaved cannas, 5 to 6 ft., 75c per 100. Tuberoses, small side bulbs for growing on, $1.00 per 1,000.
James P. Wilson, Olney, Ill.

Cannas. Chas. Henderson, A. Bouvier, L. E. Bally, F. Vaughan, Burbank, Egandale, Mme. Crozy, Queen Charlotte, in variety, $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Allemania, Burbank, Austria and Partenope, strong roots, $3.00 per 100, or will exchange for carnations, roses, mums, etc. Ernst Nitsche, Dallas, Tex.

700 Austria, 400 Italia, 200 Chas. Henderson, 200 Burbank, 100 Pres. McKinley; dry bulbs, 2 to 3 eyes, $2.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Austria, 1c; Henderson, 1½c; M. Berot, Secy. Chabonne, W. Beck, 3c; Allemania, 4c. Betscher Bros., Canal Dover, Ohio.

Austria, strong, field-grown; 2 to 5 eyes, $1.50 per 100. City Greenhouses, Meridian, Miss.

Canna Austria, started plants, $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

sorts.	100.	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100; $30.00 per 1000; Lawson, $7.00 per 100; $60.00 per 1000; G. Lord, $6.00 per 100; $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

Carnations for April delivery; ready April 1.

	100.	1,000
Crocker	$2.50	$20.00
F. Joost	....	12.00
Bradt	2.50	20.00
America	2.00	15.00
Olympia	3.00	....
Peru	2.50	....
L. Paul	2.00	....
White Cloud	1.50	12.00
Flora Hill	1.25	10.00
Jubilee	1.50	12.00

Fine, healthy cuttings, well rooted. Cash with order. BAUR & SMITH, 38th and Senate, Indianapolis, Ind.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	[illegible]
Guardian Angel	4.00	[illegible]
Sunbeam	10.00	[illegible]
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	3.00	[illegible]
Genevieve Lord	3.00	25.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	3.00	25.00
America	1.25	10.00
Mrs. Bradt	2.00	17.50
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
McGowan	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

Carnation cuttings from sand and soil. Lawson, $5.50 per 100; $50.00 per 1,000. Marquis, Lord, $4.00 per 100; $35.00 per 1,000; Crocker, Bradt, Crane, Maceo, $2.50 per 100; $20.00 per 1,000. Joost, White Cloud, Dean, $2.00 per 100; $15.00 per 1,000. Daybreak, New York, Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Asparagus plumosus and A. Sprengeri, ready for 2½-in. pots, $2.00 per 100. Vinca var. from 4-in., $8.00 per 100. Cash with order. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Carnations; strong, well-rooted cuttings. McGowan, Psyche, Seneca Chief, $1.00 per 100. New York, Albertini, Evelina, Flora Hill, Wm. Scott, Peachblow, Conch Shell, $1.50 per 100. Uncle Walter, John Young, White Cloud, Gov. Griggs, Oneida, Red Jacket, Painted Lady, $2.00 per 100. G. H. Crane, America, Lily Dean, Melba, E. Crocker, $3.00 per 100. Marquis, Mrs. B. Lippincott, $5.00 per 100. Walker & McLean, 115 W. Federal St., Youngstown, Ohio.

Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, Estelle, $6.00 per 100; $50.00 per 1,000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1,000. Crocker, Crane, America, Nugget, L. Paul, $2.50 per 100; $23.00 per 1,000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	16.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO.,
Nixon H. Gano, Mgr., Martinsville, Ind.

Rooted cuttings now ready.

	Per 100.	Per 1,000.
Mrs. Thomas W. Lawson	$6.00	$50.00
Marquis	4.00	40.00
G. H. Crane	3.00	25.00
Mrs. Geo. M. Bradt	3.00	25.00
William Scott	1.50	10.00

A. L. Thorne, Flushing, N. Y.

Carnations, extra strong rooted cuttings. Per 100: Lawson, $4.00; Jubilee, $1.25; Crane, $2.00; Bradt, $1.60. Hill, Scott and Eldorado, 75c per 100; $6.00 per 1000. H. Ernst & Son, Washington, Mo.

Three good pinks. Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100. White Cloud, Maceo, $1.25 per 100. Mrs. Bradt, G. H. Crane, $2.00 per 100. Albert M. Herr, Lancaster, Pa.

ADMIRAL CERVERA—Yellow variegated, stock perfectly healthy.
GOETHE—Fancy light pink, best seller, stock in splendid shape.
Come and see them. $10 per 100, $90 per 1,000. 250 of one kind at 1,000 rate.
C. BESOLD, Mineola, L. I., N. Y.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings. 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings, $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Ethel Crocker, strong plants, 2½-in., $3.00 per 100. Lizzie McGowan and Scott, 2½-in., $2.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Carnation rooted cuttings. Clean, healthy stock. Wm. Scott, 75c per 100; $6.00 per 1,000. Helen Keller, $1.00 per 100. John R. Shreiner, Lancaster, Pa.

Unrooted carnation cuttings of Triumph, Flora Hill and Scott at 50c per 100. Will exchange for rose stock.
E. C. Newbury, Mitchell, So. Dak.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Ethel Crocker carnation plants out of 2-in. pots, $2.00 per 100. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

All this year's new carnations; also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Peru carnation rooted cuttings at $2.50 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Ethel Crocker and Flora Hill, 2-in. pots, $4.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Daybreak carnation cuttings, $8.00 per 1,000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

Portia, extra select rooted cuttings, $1.50 per 100. Geo. Smith, Manchester, Vt.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Yellow Queen, Mrs. H. Robinson, W. H. Chadwick, Golden Wedding, rooted cuttings, $2.00 per 100; 2-in., $3.00 per 100. F. R. Hills, Maywood, Ill.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Last call for chrysanthemum rooted cuttings or plants from pots. See February issues this paper or address Gunnar Teilmann, Marion, Ind.

CHRYSANTHEMUMS Continued.

[illegible] Maud Dean [illegible] N [illegible] [illegible] queen, W[illegible] for [illegible] N. Y.

Bergmann and [illegible] cuttings; well rooted clean stock, $[illegible] per [illegible]. Duly Bros., Randolph, Mass.

CLEMATIS.

Clematis paniculata, extra well rooted, 2½ and 3-in. pots, [illegible] per [illegible]. Duchess Edinburgh, Jackmanii, Mme. Andre, strong 2 and 3 yrs., from [illegible]-in. pots $[illegible] per 100.
Phoenix Nursery Co., Bloomington, Ill.

Clematis, extra strong 3-year, 30c; 2-year, dormant or from 5-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c, from 5-in., 10c. W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, 2-yrs., $4.[illegible] per doz. C. paniculata, 2-yrs., 4-in. pots, $[illegible].00 per 100, 1-yr., 3-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Clematis, dormant, 1[illegible] best large flowering kinds, strong 2-yr., $2.00 per doz.; $15.00 per 100. Strong 2-yr., in 4 and 6-in. pots, same price. F. A. Bailer, Bloomington, Ill.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 60c per 100; $5.00 per 1000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Golden Bedder, 2-in., $1.50 per 100, $14.00 per 1,000. Rooted cuttings, [illegible] per 100. Mixed colors, fine assortment, [illegible] per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

Golden Bedder, Verschaffeltii and 12 other selected varieties, rooted cuttings, 60c per 100; $5.00 per 1000. Cash. Critchell's, Station I, Cincinnati, Ohio.

A big bargain in coleus. 2½-in. pots, $2.00 per 100; $[illegible].00 per 1,000. Rooted cuttings, 60c per 100; $4.00 per 1,000. Cash with order.
J. E. Felthousen, Schenectady, N. Y.

Coleus, good assortment; cut back; branched and containing some cuttings, 2½-in., $2.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Coleus, 15 varieties, mixed, 2-in. pots, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid.
S. D. Brant, Clay Center, Kan.

30,000 coleus, 10 named varieties, 2¼-in., $1.[illegible] per 100. Morris Floral Co., Morris, Ill.

Coleus, sorts, $2.50 per 100.
Phoenix Nursery Co., Bloomington, Ill.

CROTONS.

Crotons, 3-in. pots, 30 best sorts, $10.00 per 100. P. J. Berckmans Co., Augusta, Ga.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

CYCAS.

Cycas revoluta [illegible] stems, in sizes from 1 to [illegible] per lb. in lots up to [illegible] lbs., [illegible] per lb. in lots up to 200 lbs., 8c per lb. in lots up to [illegible] lbs., 7[illegible] per lb. in lots up to [illegible] lbs. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Just received a large consignment of cycas stems in case lots of 250 lbs. 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas stems. Just received an importation of [illegible] long leaved variety. Per 100 lbs., $[illegible].00. [illegible] Ellerford & Co., 161 Kinzie St., Chicago.

[illegible] dormant $[illegible] per 1[illegible] lbs. [illegible] Co., [illegible], Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen giganteum, [illegible] different colors, all [illegible] extra strong, $5.00 per 100. [illegible] per [illegible] cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen giganteum splendens, transplanted, ready for [illegible]-in. pots, extra stocky plants, $2.50 per 100, $[illegible] per 1,000. C. Winterich, Defiance, Ohio.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

Dahlias, field-grown dry roots; separate colors or named. Doz., $1.25, 100, $[illegible]. Mixed sorts, doz., $1.00; 100, $7.50. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1,000. Send for list of varieties.
Vick & Hill Co., Rochester, N. Y.

DAISIES.

Marguerite, large white, rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch	.50	4.00
Pteris Serrulata	2-inch	.60	4.00
Pteris cretica, albo-lin	2-inch	.50	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Adiantum Farleyense. Handsomely furnished plants, 6-inch pots, $18.00 per doz. Also for growing on strong stuff. 4-inch pots, $10.00 per 100; 3-inch pots, $20.00 per 100; 2½-inch pots, $12.50 per 100. J. A. Peterson, 405 Race St., Cincinnati, Ohio.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston, Sword and Dwarf Sword ferns (true), fine plants from 2½-in. pots, $2.25 per 100. Satisfaction guaranteed. Fairview Floral Co., Beatty, Ohio.

Boston ferns, 2½-in. pots, 5 to 7 fronds, $3.00 per 100; $25.00 per 1,000. 4-in., $1.00 per doz.; $8.00 per 100. John A. Doyle Co., Springfield, Ohio.

Boston ferns, 2¼-in., 60c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz.
A. J. Baldwin, Newark, Ohio.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

N. exalta Bostoniensis, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Boston ferns, small plants, from bench, $4.00 per 100. Miss H. M. Sealy, Lynbrook, N. Y.

Ferns, 4 var. for pans, 2¾-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

Boston ferns, strong 2½-in. pots, 3c.
Joy & Son Co., Nashville, Tenn.

Boston fern, true, 3½-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

FORGET-ME-NOTS.

Forget-Me-Not Alpestris, blue, white and pink clumps, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

FRUIT PLANTS.

For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

240 old and new varieties of strawberries, raspberries, currants, grapes, etc. Write for list to C. C. Nash, Three Rivers, Mich.

Josselyn, or red jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Bailer, Bloomington, Ill.

FUCHSIAS.

Fuchsias, double and single, mixed, fine, 2½-in., $2.00; rooted cuttings, $1.00 per 100. Cash. W. G. Haebich, Auburn, Ind.

Fuchsias, 10 finest var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
George M. Brinkerhoff, Springfield, Ill.

Fuchsias, single and double, 2-in., $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

GARDENIAS.

Gardenia Florida, 3-in. pots, branched, fine, $10.00 per 100; $80.00 per 1,000. P. J. Berckmans Co., Augusta, Ga.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

GERANIUMS.

Single and Double Grant, S. A. Nutt, E. G. Hill, A. Ricard, 2½-in., $2.50; 3-in., $3.50; mixed, 50c less. Stock plants of the above with Poitevine and La Favorite, from 4 and 5-in. pots, fine plants, $8.00 and $10.00 per 100. Will now book orders for 3½-in. pots at $4.00 and $5.00 per 100. Jas. Ambacher, Long Branch, N. J.

Geraniums in 2½-in. pots, composed of the following varieties: S. A. Nutt, F. Perkins, Poitevine, La Favorite, Bruanti, Dbl. Grant, E. G. Hill and several leading varieties at $3.00 per 100; $25.00 per 1,000. Cash with order.
J. E. Felthousen, Schnectady, N. Y.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

Geraniums. Per 100: Best bedding var., strong plants, 3-in., $4.00; America, 3-in., $8.00; Mars and Le Pilot, 3-in., $5.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

New single aureole geranium Gov. Yates. Best bedding variety of this type; a novelty of real merit, 40c each; 3 for $1.00; doz., $4.00. W. Bierstadt & Son, Springfield, Ill.

Geraniums. Per 100: Double New Life, 2½-in., $3.00; rooted cuttings of same, $1.50; good mixed varieties, 2½-in., $2.50. O. F. Searles, L. B. 288, Nashua, N. H.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Schrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

S. A. Nutt, Murkland and Double Grant, 2½-in., $2.50 per 100; rooted cuttings, $1.25 per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Geraniums. A few thousand strong, rooted cuttings, best kinds only, $1.50 per 100 by mail; $12.00 per 1,000 by express. S. W. Pike, St. Charles, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00.
Morris Floral Co., Morris, Ill.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums. Double Gen. Grant and S. A. Nutt, in 2½-in. pots, $2.50 per 100. C. A. Schaefer, York, Pa.

Geraniums, all the best varieties, 2¼-in., $2.50 per 100; $20.00 per 1,000. John A. Doyle Co., Springfield, Ohio.

Geraniums, 10 best varieties, 2½-in., $3.00; 3½-in., $4.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Rooted cuttings, per 100: Silver Leaved, $1.25; La Favorite, $1.50; Mars, $2.00. Geo. Smith, Manchester, Vt.

Geraniums, a good assortment, 2½-in., $2.00 per 100. Cash. Geo. W. Weatherby, Chillicothe, Mo.

Ivy geraniums, 6 var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Geranium Mme. Salleroi. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Vick & Hill Co., Rochester, N. Y.

Ivy geraniums, Chas. Turner, P. Crozy and others, 2½-in., strong, $3.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

Geraniums, fine stock in 2-in. and rooted cuttings. Betscher Bros., Canal Dover, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums. Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Peerless Strain, a very choice mixture, largely light shades, $8.00 per 1,000; medium size, largely 1¼ bulbs, $6.00 per 1,000. Popular Strain, fine mixture, light shades, medium size bulbs, largely 1¼-in., $4.00 per 1,000. Groff's hybrids, $20.00 per 1,000; Van Fleet's, $10.00 per 1,000; select seedlings, $20.00 per 1,000; 50 bushels of bulblets at special price.
Betscher Bros., Canal Dover, Ohio.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

60,000 gladioli, standard florists, mixed, white, light, yellow, red, 1 to 2½-in., $5.00 per 1,000; ¾ to 1½-in., $3.60 per 1,000, all blooming size. Write for a bargain on the entire lot. C. E. Franke, 108 W. Washington St., Bloomington, Ill.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

Finest mixed gladioli for florists, all colors; also choice imported named gladioli in great variety. J. M. Thorburn & Co., 36 Cortlandt St., New York.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Transplanted stock of 6 varieties of hardy pinks, ready now at $1.25 per 100, by mail. Cash. Chas. S. Dutton, 85 West 12th St., Holland, Mich.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

I have 25,000 shade trees of Sugar, Norway, Silver-leaved, Ash-leaved and Scarlet Maples, 1 to 3-in. diameter. Elms and Lindens, 12 to 16 feet; 1,000 White Birch, 8 to 10 feet; 2,000 Purple-leaved Beech, 4 to 9 feet; 2,000 Hydrangeas, XX strong; 10,000 Evergreens, all sizes and kinds; 2,000 Retinospora Aurea and Colorado Blue Spruce, 3 to 6 feet; 3,000 Clematis Pan. gran. and other large-flowering sorts, XX strong; 20,000 California Privet, 2 to 5 feet; 10,000 Hardy Roses; 3,000 Crimson and Yellow Ramblers, all X strong, on own roots. Fruit trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large; 200 Golden Oaks, 8 to 10 feet. Florists, landscape architects, superintendents of parks and others wanting stock should call on me or write. Stephen Crane, Prop. Norwich Nurseries, Norwich, Conn.

Silver Maples, 2 to 2½-in., XX...............25c
Hydrangea P. G., 2½ to 3 feet, X............ 8c
Azalea Mollis, 18 inches, X....................25c
Deutzia Crenata Fl. Pl., 2 to 3 ft............ 3c
Austrian Pine, 3 to 4 feet......................16c
F. & F. Nurseries, Springfield, N. J., wholesale growers trees and plants in full assortment. Trade catalogue free.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Multigrafted maples, the gem of Japan maples. We can furnish two sorts: grafted on straight stems, 50c each; $5.00 for 10, or $35.00 for 100; grafted on two stems, twisted in shape of S, 60c each, $6.00 for 10 or $40.00 for 100. H. H. Berger & Co., 47 Barclay St., New York.

Perennial phlox, field-grown, good clumps, good var., $4.00 per 100. Will have a few thousand rudbeckia Golden Glow from open ground at $5.00 per 1000. Arundo Donax, variegated, $5.00 per 100. Eulalia japonica var., large clumps, 10c each. Cash.
C. G. Nanz, Owensboro, Ky.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list.
W. W. Wilmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Rudbeckia Golden Glow. Perfectly double, long stems of great substance; nothing better for cut flowers. Strong clumps from open ground that will bloom this summer, $1.00 per doz. $5.00 per 100. G. P. Moore, Ocean City, N. J.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemala, Box 51, Buckley, Ill.

5,000 Euonymus Japonica Green, 3 years, 24 to 30-in., $10.00 per 100; Euonymus Radicans Var. 3 years, 12 to 18-in., $10.00 per 100; Myrtle (Vinca Minor) $50.00 per 1,000. T. B. Hyatt & Son,, Winfield Junction, N. Y.

Evergreens at a bargain. Euonymus japonicus, green and variegated from 2½ in pots at $4.00 per 100 as long as they last. Plants are fine. Address F. J. Ulbricht, L. B. 113, Anniston, Ala.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Imp. Gooseberry, 1-year, $5.00 per 1000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

Field-grown hardy herbaceous stock for spring delivery. Write Chas. S. Dutton, 85 West 12th St., Holland, Mich.

About 1,000 catalpa trees from 5 to 12 ft. at half-price to close out the business. W. S. Krady, Mt. Joy, Pa.

Rudbeckia Golden Glow, strong, field-grown, $2.00 per 100. City Greenhouses, Meridian, Miss.

HELIOTROPE.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Heliotrope, rooted cuttings, $1.25 a 100.
Greene & Underhill, Watertown, N. Y.

HYDRANGEAS.

Hydrangeas. Thos. Hogg and Otaksa, 2-in., $2.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

HIBISCUS.

Hibiscus, 10 leading sorts, 2½-in., 40c per doz.; $2.50 per 100. Hibiscus Peach Blow (new), 75c per doz.
Good & Reese, Springfield, Ohio.

IVIES

English ivies, 5-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

German ivy, 2½-in., 50c per doz.; $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

German ivy, 2½-in., 2½c. Cash.
G. W. Weatherby, Chillicothe, Mo.

LANTANAS.

Lantanas, good assortment, 2½-in., $3.00 per [illegible] h. G. W. Weatherby, Chillicothe, Mo.

[illegible] lantana, 2½-in., $[illegible] A. [illegible] Cochranville, Pa.

LOBELIA.

Lobelias. Per 100. Pumila splendens, new, [illegible] blue, white eye, 2½-in., $4.00; Emperor William, 2½-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lobelia, blue, from cuttings, 2½-in. pots ready to bloom, $3.00 per 100.
Phoenix Nursery Co., Bloomington, Ill.

[illegible] dwarf and trailing, [illegible] in., [illegible] per [illegible] Ambacher, Long Branch, N. J.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000 $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moonvine. Seedlings from the sand, very fine, $1.00 per 100. A. A. Harper, 724 East 6th Ave., Pine Bluff, Ark.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Oranges and Pomelas (grafted on Citrus trifoliata), beautiful plants, 12-in., bushy, bearing size, $20.00 per 100; 15-18 in., $30.00 per 100.
P. J. Berckmans Co., Augusta, Ga.

ORCHIDS.

Wanted—Bids on Cypripediums. Who will make an offer for any or all of the following lots? Cypripedium Insigne, 675 in 4-in. pots; 386 in 5-in. pots; 3,527 in 6-in. pots; 80 in 7-in. pots; 1 in 24-in. pot; also 166 choice varieties. J. B. Bloomingdale, New York City, 78 Fifth Av.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeonies for cut flowers and lawn decoration. Red, pink and white, $10.00 per 100, $75.00 per 1,000; mixed singles, fine assortment, $5.00 per 100; $40.00 per 1,000. Chicago Paeony Farms, Jas. Hartshorne, Mgr., Joliet, Ill.

Paeony chinensis in mixture, 2 and 3-year-old roots, per doz., $1.00; per 100, $5.00; per 1000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Fine double varieties, $6.00 per 100; $50.00 per 1,000. J. F. Rosenfield, West Point, Neb.

Paeonies, best florists' sorts, all colors, $12.00 per 100. F. A. Baller, Bloomington, Ill.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 6	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	6 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10; $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all order accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs. $24.00.
KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.
ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.
FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.
J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

PALMS—Continued.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
4	16 to 20	5 to 6	.75	7.20	60.00
5	18 to 24	5 to 7	1 00	12.00	90.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
5	22 to 26	5 to 6	1.00	12.00	90.00
6	28 to 30	5 to 6	1.25	15.00	125.00
6	30 to 34	6 to 7	1.50	18.00	150.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼		3	....	$0.60	$ 5.00
3	12	5 to 6	....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1 50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00
6	24 to 30		.75	9.00	

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6 3 plants in pot		$1.00	$ 8.00
3½	12 to 14 3 plants in pot		2.00	15.00
4	18 to 20 3 plants	$0.25	3.00	25.00

PHOENIX RECLINATA.

Pot.	Leaves.	Doz.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz; $10 per 100; 10-inch pots, 40 to 45 inches high, 6 to 8 leaves, $3.50 each.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 1.00	$ 8.00
Utilis	3	2.00	15.00
Veitchii	6 extra fine	18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

PEPEROMIAS.

Argyraea, 4-inch, $2.00 per doz.
Peltata, 4-inch, $2.00 per doz.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

	Pot. In.	H't In.	Char. lvs.	Per 100.
Latania Borbonica	5	18-20	4-5	$25.00
Latania Borbonica	6	18-20	6	40.00
Phoenix Reclinata	5	15-18	3-4	25.00
Phoenix Canariensis	4	15-18	3-4	15.00
Phoenix Canariensis	4	20-24	4-5	25.00
Phoenix Canariensis	5	24-30	5-6	40.00

Phoenix Tenuis, same sizes and prices as Canariensis.
P. J. Berckmans Co., Augusta, Ga.

LATANIA BORBONICA, nice clean stock, full character leaves, 4-in., $15.00 per 100, $2.00 per doz.; 5-in., full character leaves, $30.00 per 100, $4.00 per doz.; 6-in., fine plants, from $50.00 to $75.00 per 100. Cash with order. Critchell's, Station I, Cincinnati, Ohio.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Latanias, strong stock, 2½-in. pots, 3c; 4-in. pots, 10c; 5-in. pots, 25c.
Joy & Sons Co., Nashville, Tenn.

Palms, seedlings, 2½-in., 60c per doz.; $4.00 per 100. Good & Reese Co., Springfield, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100, $3.00 per 1,000. Extra large plants coming in bud, $1.00 per 100
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

From Roemer's best giant premium pansy seed. Healthy plants from cold-frames, 60c per 100; $4.00 per 1,000. Express prepaid for cash. Des Moines Plant Co., Des Moines, Iowa.

THE JENNINGS STRAIN OF PANSIES. 30,000 fine, strong, transplanted plants, 60c per 100 by mail; $4.00 per 1,000 by express. Fine, stocky, cold-frame plants in bud and bloom, $1.50 per 100; $7.00 per 500. The above all extra fine stock. Cash with order. E. B. Jennings, L. B. 254, Southport, Conn., grower of the finest pansies.

BUCKBEE'S FANCY PANSY PLANTS

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000

SEEDLINGS, not transplanted, $3.00 per 1,000.
H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill
Forest City Greenhouses.

100,000 pansies from seed grown for our own use; strong coldframe plants; $4.00 per 1000 from seed frame. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Pansy plants, $1.50 per 100. Cash. Jos. H Cunningham, Delaware, Ohio.

PELARGONIUMS.

Pelargoniums, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PETUNIAS.

Dreer's finest double petunias, 2½-in., 50c per doz., $3.00 per 100 Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias Single giants of California, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Double petunias, finest fringed, $2.00 per 100. Cash. C. G. Nanz, Owensboro, Ky.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

PLANT LISTS.

Kentia Belmoreana and Forsteriana, 2½-in., 10c, 3-in., 18c; 4-in., 35c, 5-in., 50c each

Areca Lutescens, 3-in., 3 plants to pot, 18c, 4-in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money.

Boston Fern, 3-in., $8.00; 4-in., $15.00; 6-in., $30.00 per 100.

Sword Fern, Nephrolepis Cordata Compacta, 2½-in., $3.00 per 100.

Rex Begonia, finest varieties, 2½ and 3-in., $4.00 per 100.

Vinca variety, 2½-in., $3.00 per 100

Asparagus Sprengeri and Plumosus, 2 in., $5.00; 3-in., $8.00 per 100.

Geraniums, 2-in., Double and Single Grant, Mme. Bruant, Mrs. E. G Hill, Poitevine, Bonnat, Atkinson and S A. Nutt, $3.00 per 100; Rooted Cuttings, $2.00 per 100.

Campbell Violets, rooted runners, 60c per 100.

Carnations, Portia, McGowan, Peachblow and Scott, rooted cuttings, $1.00 per 100.

New Carnation Kittatinny, a pure white sport from Daybreak, exactly same growth as Daybreak, and wants like treatment. First-class and a money maker. 2-in. pots or rooted cutting, $6.00 per 100.

Giant Alyssum, Achyanthes, Lemon Verbenas, Verbenas, Coleus and Alternantheras, red and yellow; Scarlet Sage, Clara Bedman; Ageratum, blue and white and Princess Pauline; Heliotrope, blue. Also Imperial Violets.

All 2-inch stock, $2.00 per 100.

Roses, Bride and Bridesmaid, 2-in., $3.00 per 100.

Dracaena Indivisa, 3-in., $6.00 per 100, 4 in., $10.00 per 100.

Imperial Violets, 2-in., $2.00 per 100.

Cash with order or C. O. D.
Geo. M. Emmans, Newton, N J.

	Per 100
Coleus, Rainbow, Firebrand, Verschaffeltii, Golden Bedder, Victoria and others, 2½-in.	$2.00
Tradescantia Quadricolor, fine, 3-in	4.00
Ageratum Stella Gurney and Blanche, 3-in.	3.00
Lobelia Kaiser Wilhelm and Crystal Palace, 3-in.	3.00
Parisian Daisy, yellow and white, 2½-in.	2.50
Scarlet Sage Clara, Bedman, 3-in	3.00
Fuchsia Elm City, Schneewittchen and others, 3-in.	3.00
Vinca Variegata, 3-in.	3.50
Chrysanthemums, Merry Monarch, Merry Christmas, J. E. Lager, Niveus and many best varieties, 2½-in.	2.00
Primula Forbesii, 2-in.	3.00

Jasminum Gracillimum, 3-in.; Allamanda Williamsii, 2-in., Acalypha Marginata, 2½-in., 75c per doz. Cash with order. John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

	Doz.	100.
Abutilon, Savitzii, 2½-in	$1.00	$6.00
Achyranthes, Lindenii, 2½-in.	.50	3.00
Ageratum, Cope's Pet	.50	2.50
Alyssum, Giant Double and Tom Thumb, 2½-in.	.50	2.50
Asparagus Plumosus Nanus—3-in., very strong	1.00	7.50
5-in., very strong	1.50	12.00
Asparagus Sprengeri—2½-in., good	.35	2.50
Seedlings		1.00
Cannas, C. Henderson, Mme Crozy, Burbank, Vaughan, 3-in	.50	3.50
Clematis Paniculata, field-grown, 1 year old	.30	2.00
Coleus, either sort, $18.00 per 1,000	.30	2.00
Cuphea Platycentra	.50	3.00
English Ivy, 2½-in., 50c per doz.; $3.00 per 100; 5-in., 25c each	2.50	
Geraniums, double scarlet, 2½-in.	.60	4.00
German Ivy, 2½ in.	.50	3.00
Heliotrope, blue and white	.50	2.50
Hydrangea, Otaksa, 3-in.	.60	4.00
Honeysuckle, Hall's and Sinensis Purpurea (field)	.50	2.00
Latania Borbonica, 5-in	5.00	40.00
Lemon Verbena, 2½-in.	.60	4.00
Maranta Bicolor, 2½-in	.75	5.00
Nasturtium, double yellow, 2½-in.	.60	4.00
Phoenix Reclinata, 5-in.	6.00	50.00
Salvia "Bonfire," 2½-in	.50	2.50
Vinca (trailing), Green and Variegated, 2½-in	.75	6.00

N. B.—Orders amounting to $5.00 and over sent F. O. B. New York City; those from unknown correspondents sent C. O. D. when unaccompanied with cash or check.

William L. Swan, Lock Box 227, Oyster Bay, N. Y.

PRIMROSES.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Baby Primroses, nice, thrifty and stocky plants, 2 in., $2.00 per 100. H. L. Ragan, Box 166, Springfield, Ohio.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, O.

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2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

CALIFORNIA PRIVET, 1 yr, $9.50 per 1,000.
CALIFORNIA PRIVET, 2 yr, $19.00 per 1,000.
Choice cuttings, 1,000, $1.25; 20,000, $20.00.
Packing free. Cash with order.
J. H. CORNELL, 606 4th Ave., Asbury Park, N. J.

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ROOTED CUTTINGS NOW READY.

Coleus, leading varieties, 75c per 100.

Ageratum, Topaz Blue and Snowball, White, $1.00 per 100. Stock plants of these from 3-in. pots, at $3.00 per 100.

Lemon Verbena, stock plants, 1 year old, at $1.50 per doz. Young plants from thumb pots, $2.00 per 100; rooted cuttings, $1.00 per 100.

Giant Double Sweet Alyssum, rooted cuttings, $1.00 per 100.

Vinca Variegata, 3 ft. long, bushy, $12.00 per 100.

English Ivies, strong and bushy, 3 feet high, at $20.00 per 100.

Dracaena Indivisa, 2 years old, good stock, $5.00 per dozen.

100 shrubs of Deutzia Gracilis, 3 ft. diameter, 3 ft. high, fine for a park or large private place, at $6.00 per dozen
John Reck, Bridgeport, Conn.

Coleus, 100 old and new; sample leaves for 2c stamp. Verschaffeltii and Golden Bedder, 55c per 100. Red achyranthes and two grand basket plants (variegated dewdrop and large-flowered mesembryanthemum), 20c per doz. Alternantheras, red and yellow, choice plants. Cash with order. Theo. Fuhr, Box 612, Alliance, Ohio.

Coleus, 20 varieties, 50c per 100. Salvia, Bonfire, 60c per 100. Ageratum, Princess Pauline, 50c per 100. Coleus, 2-in. pots, $1.25 per 100. Salvias, 2-in. pots, $1.50 per 100. Cash with order. Crescent Greenhouses, Randolph Bros., Proprietors, Delavan, Ill.

The following plants will be sent by mail, at prices given. Strong rooted cuttings, per 100: Vincas, $1.25; dbl. yellow anthemis, $2.00; geraniums, $1.50; salvia, giant alyssum, coleus, heliotrope, 75c; verbenas, 60c. S. W. Pike, St. Charles, Ill.

Coleus Verschaffeltii, 75c per 100; Golden Bedder, 50c per 100; Ageratum dwarf blue, alyssum dwarf, 50c per 100. Cash. Jas. Ambacher, Long Branch, N. J.

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Extra strong plants from 2½-in. pots, consisting of the following varieties, at [illegible]

Archduke Charles	Marie Guillot
Bride	Mme. Jos. Schwartz
Bridesmaid	Maman Cochet
Baldwin	Mrs. Degraw
Bon Silene	Meteor
Clara Watson	Marie Van Houtte
C. Soupert	Mme. Margottin
Christine de Nouo	Papa Gontier
Catherine Mermet	Perle
Climbing Meteor	Princess Venosa
" Kaiserin.	Safrano
" Perle	La France
" Malmaison	La Princess Vera
Dr. Grill	Mosella
Devoniensis	Marechal Niel
Duchess de Brabant	Maid of Honor
Duchess of Albany	Mme. Abel Chatenay
Etoile de Lyon	Mme. Cecile Berthod
Enchantress	Striped La France
Folkestone	Sylph
Golden Gate	Tri. de Pernet Pere
Gus. Tripelitz	White Maman Cochet
Geo. Bancroft	" Marechal Niel
Kaiserin	" La France
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No order accepted for less than $[illegible]

R. H. MURPHEY & SON, Urbana, Ohio.

Two-year-old hardy, field-grown roses, $8.00 per 100:

50 Baltimore Belle	3 to 4 ft.
25 Empress of China	2 to 4 ft.
50 Pride of Washington	3 to 4 ft.
200 Tennessee Belle	3 to 5 ft.
50 White Rambler	2 to 3 ft.
50 Yellow Rambler	2 to 3 ft.
100 Agrippina	2 to 4 ft.
50 Baron Bonstetten	2 to 4 ft.
100 Charles Margottin	4 to 6 ft.
50 Anne de Diesbach	2 to 3 ft.
50 La Reine	1½ to 2½ ft.
100 Madame Plantier	2 to 4 ft.
50 Gardenia	3 to 4 ft.
150 Manda's Triumph	4 to 6 ft.
200 Mrs. Lovett	3 to 6 ft.
150 Pink Roamer	4 to 6 ft.
100 Wichuraiana	3 to 4 ft.
100 South Orange Perfection	3 to 6 ft.

State how you wish them cut back for shipping. Cash with orders. Reference—Lawson's Bank, Greensboro, Ala. The Alabama Rose Gardens, Newbern, Ala.

Roses. Strong plants in 2½-in. pots, $2.50 per 100; $20.00 per 1,000; 25 at 100 rate; 250 at 1,000 rate.

Golden Gate,	Media,
Burbank,	C. Guillot,
Mosella,	Marie Van Houtte,
Etoile de Lyon,	H. M. Stanley,
White M. Neil,	Lily Kingsky,
Gen. Lee,	Jeanne Chabaud,
Mrs. Degraw,	Helen Gambier,
Climbing Meteor,	F. Krueger,
Maman Cochet,	Bridesmaid,
Sylph,	Muriel Graham.
Mme. Berthod,	

Strong 2-year-old plants of above, in assortment, 75c per doz.; $6.00 per 100. John A. Doyle Co., Springfield, Ohio.

Roses for southern florists. Large plants for immediate effect. Climbers, 2 to 3 ft.; Teas well branched; worth $3.00 per dozen. Now at $10.00 per 100. Can easily go by freight. Varieties: Climbers—Climbing Wootton, Malmaison, Solfaterre, Meteor, James Sprunt, Reine Marie Henriette, Lamarque, Julia Pradel. Hybrids—Gen. Jacqueminot, John Hopper, Souv. de Lowdon, Lord Raglan, Louis Van Houtte, Roger Lamberlin, Madame Plantier. $10.00 per 100. Teas—Isabella Sprunt, Duchess de Brabant, Mme. Jos. Schwartz, Baronne Berge, Meteor, Henry M. Stanley, Souv. de F. Gaulain, and many more. Eichling Seed & Nursery Co., Ltd., New Orleans, La.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $12.00 per 100, $100.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.

S. J. Reuter, Westerly, R. I.

Bargains in roses. A1 stock. Pink La France, White La France, M. Niel, C. Soupert, Kaiserin, Robt. Garrett, Bride, Bridesmaid, Etoile de Lyon, $2.50 per 100; $20.00 per 1,000. Cash with order please. Joseph Laihr & Sons, Springfield, Ohio.

Roses. Empress of China, 2½-in., pots, $2.00 per 100; A. Guinoiseau, Bon Silene, Bride, Bridesmaid, C. Soupert, Dr. Grill, Etoile de Lyon, Hermosa, Henry M. Stanley, Mosella, Maman Cochet, Maria Guillot, Malmaison, Nephesto, Perle des Jardins, Papa Gontier, Princess Sagan, Rainbow, Sunset and Safrano from 4-in. pots, mostly 2 years, well branched and well established, at $8.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa

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New Roses. The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

10,000 roses, dormant and H. Ps., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Bailer, Bloomington, Ill.

Grafted roses, ready for 4-in. Per 100: Liberty, $18.00, Maids, Brides and Golden Gate, $12.00, Meteors and Brides, own roots, $3.00 per 100, $25.00 per 1,000. Chris. Hansen, St Paul, Minn.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

American Beauties—Strong plants from 2x3-in. pots, ready for a shift, $6.00 per 100, $50.00 per 1000; they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

Roses, 5-in., at 9c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Bride and Maids, 3-inch pots, $3.00 per 100; $25 00 per 1000. American Beauty, 4-inch pots, $12.00 per 100; $100 per 1,000. A. L. Thorne, Flushing, L. I.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Perles and Woottons, in 2 and 2½-inch., extra fine stock. Extra fine Beauties in 3 and 4-in. Write Geo. A Kuhl, Pekin, Ill.

Bride and Bridesmaids, rooted cuttings, $1.50 per 100; 2-in., $3.00 per 100; 3-in., $5.00 per 100. F R Hills, Maywood, Ill.

Field Grown Crimson Rambler, $5.00 per 100, 2 ft. Mme. Plantier, same price. Wm. K. Nelson, Augusta, Ga.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio

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Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 50c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Salvias St. Louis and Splendens, 2¼-in., $1.50 per 100. Rooted cuttings, 75c per 100. Buckley Plant Co., Springfield, Ill.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias Clara Bedman and splendens, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Salvia Bonfire, rooted cuttings, $1.00 per 100; 2½-in. pots, $2.00 per 100, $7.00 per 1,000. Jerome Harley, Media, Pa.

Salvia Clara Bedman, 2½-in., $2.00 per 100, Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Salvia, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia St. Louis, 2½-in., $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

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Burpee's Earliest of All is the Sweet Pea for florists. Notwithstanding their Dwarf habit and neat slender foliage, the plants are of vigorous growth and come into bloom always ten days to two weeks in advance of the Extra Early Blanche Ferry, which has been heretofore a week ahead of all other varieties. The flowers are as large as those of the regular strain of Blanche Ferry, and have long stout stems, making them entirely satisfactory for cutting; they are borne in close clusters of three, all facing one way. The standards are a bright, rich pink, while the wings are nearly pure white. Burpee's "Earliest of All" is not only the earliest to bloom in open ground but is also the most desirable for forcing under glass for winter cut flowers. The dwarf habit of this variety renders it much more easily grown on the benches, admits of closer planting, and from seed sown during the latter part of August blooms may be cut during the holidays, while with the taller varieties no blooms could be had before February or March. Per pkt. 5 cts.; oz. 6 cts.; ¼ lb. 20 cts; per lb. 60 cts; 5 lbs. or more at 55 cts. per lb.

W. ATLEE BURPEE & CO., 457-477 N. 5th St., PHILADELPHIA, PA.

New Aster Daybreak, a splendid novelty; fine for cutting; same color as Daybreak carnation. Trade pkt., 25c; ¼-oz., 50c; oz., $1.50. Semple's lavender aster, 50c per oz.; Mignon aster, mixed, ¼-oz., 25c; oz., 75c. Ellis Bros., Keene, N. H.

Wholesale price lists for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

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Smilax from flats, 30c per 100; $2.50 per 1,000. Joseph Wood, Spring Valley, N. Y.

Smilax seedlings, 75c per 100. Jos. H. Cunningham, Delaware, Ohio.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

STEVIA.

Stevia variegata, 2½-in. pots, fine, $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Send in your order now for a copy of the Florists' Manual.

SWAINSONA.

Swainsona alba galegifolia, rooted cuttings, $1.25 per 100; 2-in. pots, $1.75 per 100. Logan Ave. Greenhouses, Danville, Ill.

Swainsona alba, 3-in., $4.00; 4-in., $6.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

If you read these advs, others would read yours.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Celery—White Plume and Golden Self-blanching, small plants ready for trans., 15c per 100, 75c per 1,000, $5.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Add 10c per 100 to above prices if by mail. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Vegetable plants. I grow them by the thousands. Fine Jersey sweet potato plants, 20c per 100; $1.50 per 1,000. Cabbage plants—early plants, 20c per 100; $1.75 per 1,000; late Flat Dutch and other best varieties, 15c per 100; $1.00 per 1,000. Tomato plants—the earliest and best varieties ever raised. Don't fail to try the "Picturerock," one of the grandest tomatoes ever grown. Send for printed list. S. J. McMichael, 142 Larkins St., Findlay, Ohio.

Plants for transplanting. Cabbage—Early Spring, All Head, Charleston and Winnigstadt. Tomatoes—Champion, Aristocrat and Stone. 15c per 100, $1.25 per 1000; if by mail, add 10c per 100. W. D. Chase & Son, New London, Ohio.

Seed sweet potatoes—Yellow Jersey and Yellow Nansemond, $2.00 per bbl.; special price on large lots. Davis Bros., Morrison, Ill.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $6.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000; 2-in. $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

I can supply a few more thousand rooted cuttings at 60c per 100; $5.00 per 1,000. Express prepaid. S. W. Pike, St. Charles, Ill.

Verbenas. Mammoth strain, separate colors. Rooted cuttings, 60c per 100; $5.00 per 1,000. Vick & Hill Co., Rochester, N. Y.

Verbenas, best of the mammoth varieties, extra fine, ready for 3½-in., $1.50 per 100. J. W. Miller, Halton, Pa.

Verbenas. Best mammoth in separate colors, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas, 15 varieties, 2x2½-in. pots, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Verbenas, 10 choice colors, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Verbenas, 2-in. pots, $2.00 per 100. Cash. Thos. Chapman, 801 6th Ave. West, Denver, Col.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINES.

Passiflora coerulea, Pfordii, 3-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

VINCAS.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Periwinkle, variegated, 4-in., $1.00 per doz.; 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Vinca, green trailing, 2¼-in., $1.50; 6-in., $15.00; variegated, 6-in., $20.00 per 100. Morris Floral Co., Morris, Ill.

Variegated vincas, transplanted from flats, $1.50 per 100, prepaid. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Vinca vines, 2 varieties, 2-in., $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca variegata, 2½-in., $2.50 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

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About 12,000 violet plants. Sand struck cuttings, $10.00 per 1,000 for Marie Louise; $15.00 per 1,000 for Farquhar. Clean. No disease or black fly. Cash with order. Another lot to come on later. Five per cent off your bill if you come to see them before you buy. Joseph Markle, Rhinebeck, New York.

The only violet that has no disease. Princess of Wales; large clumps that can be divided into 12 to 18 plants and 30 to 40 cuttings from each clump, $4.00 per 100; $35.00 per 1,000. Chas. W. Ferkins, Station A, Louisville, Ky.

The new Imperial Violet. Cuttings from sand and rooted runners, taken from the finest stock. I grow nothing but the Imperial. Write for price list and samples. Wm. E. Glidden, 9 West St., Natick, Mass.

Violet plants! For July and August delivery. Farquhar and Imperial. Strong healthy plants from pots, $3.50 per 100; $30.00 per 1,000. Inspection of stock solicited. John Jones, Convent Station, N. J.

Violet Clumps for immediate delivery. Imperial, $4.00 per 100; Farquhar, $4.00 per 100; Marie Louise, $4.00 per 100; California, $3.00 per 100. Harvey H. Stults, P. O. Box 48, Kingston, N. J.

Violets. Rooted runners; Marie Louise and Lady Hume Campbell; grown in heated houses and cold frames, $4.00 per 1,000. Samples sent. J. D. Hildreth, P. O. Lock Box 2, Babylon, N. Y.

Princess of Wales. A small surplus of our pedigree stock. Selected cuttings from selected plants, well rooted, $2.00 per 100. Cash. F. W. Fletcher & Co., Auburndale, Mass.

Marie Louise, carefully selected runners, 60c per 100; $5.00 per 1,000. Ask for sample. Smith & Young Co., 456 E. Wash. St., Indianapolis, Ind.

Ready now, a few thousand Lady Campbell violets from sand or soil. Write for prices. Wm. Swayne, Box 226, Kennett Square, Pa.

Swanley White, 2½-in., $2.50 per 100. Lady Hume Campbell, 2½-in., $1.50 per 100. All clean. A. B. Campbell, Cochranville, Pa.

Violet Princess of Wales. Extra fine large rooted, $4.00 per 1,000. Cash with order please. Fred. Houlton, Sea Cliff, N. Y.

Violets, 6 leading kinds, double and single, 2½-in., 40c per doz.; $2.60 per 100. Good & Reese Co., Springfield, Ohio.

Strong rooted runners of Princess of Wales, from field, $1.00 per 100; $6.00 per 1,000. Cash. Heim Bros., Blue Island, Ill.

Rooted runners of Marie Louise violets from soil, 60c per 100; $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

Marie Louise. Best sand rooted cuttings; healthy, $5.00 a 1,000. Cash. R. Kilbourn, Clinton, N. Y.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

California violets, field-grown; heavy-rooted runners, 75c per 100. City Greenhouses, Meridian, Miss.

Marie Louise violets, 2-in., well established, $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

10,000 M. Louise violets, 2¼-in., in bud, $1.50 per 100. Morris Floral Co., Morris, Ill.

MISCELLANEOUS.

Richardia bulbs, good size, $2.75 a 100. Amaryllis formosissima, $2.75 a 100. Cannas, Purbush and other mixed sorts, $2.50 a 100. California violets, rooted runners, $1.00 a 100. Wichuraiana roses (several sorts), layers, $2.00 a 100. M. L. Bonham, Clinton, Mo.

TO EXCHANGE.

To Exchange—Strawberry plants. Clyde, Warfield, Champion, for roses, geraniums, etc. A. B. Katkamier, Farmington, N. Y.

WANTED.

I want 2,000 rooted cuttings of Chrysanthemum W. H. Duckham and will pay $40.00 for same. Frank Garland, Des Plaines, Ill.

Wanted—Oleanders, dbl. pink, white and yellow, from 3 or 4-in. pots. Give size and price. Templin & Co., Florence, Colo.

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Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

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TORONTO.

Easter trade here was about ten per cent in advance of any former year. All stock was pretty well cleared up. Harrisii and longiflorum found ready sale and were about equal to the demand.

Most of the growers were able to get their plants into good bloom this time and some very nice stuff was to be seen. In cut stuff roses and carnations were quite scarce, owing to the very bad weather all week which kept very cold and extremely dull with occasional showers.

The Stores.

Tidy showed a pretty window with an immense vase of Beauty roses with from three to five foot stems. Dunlop displayed some beautiful pieces of bougainvillea, rhododendrons and lilacs—the windows at both stores being very pretty indeed.

Simmons made a very pretty display, his window being of pink and white with doves suspended on pink ribbon and hanging over and among the bloom. Some very nice Bride and Maid roses were also to be seen here.

Jay & Son, of Spadina avenue, had a very large and select stock on hand and were able to clear out in splendid style.

The Growers.

The Dale estate sent in grand Bride and Maid stock, also a fine lot of lilies.

The Toronto Floral Co. had a fine lot of roses.

Manton Bros. had some good azaleas and H. P. roses in pots. These went without a murmur at good prices.

W. J. Lawrence had a nice cut of Beauties, some selects bringing the top price. His Brides and Maids were in good shape, as were also his carnations, with a splendid stock of longiflorums and spireas, all in good time.

W. J. L.

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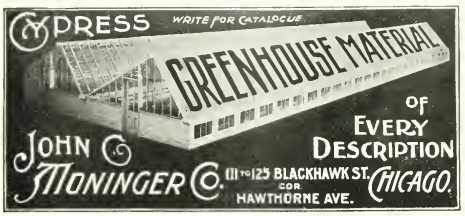

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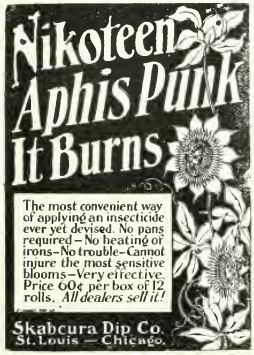

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G. L. GRANT, Editor and Manager.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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ERIE, PA.—The Schlraff Floral Co. have purchased the Titus-Berst greenhouses at 20th and Poplar Sts. It is their intention to close these houses to the public and devote the space to the growing of roses, carnations, Asparagus plumosus and smilax. These houses added to their plant at 24th and Poplar Sts. makes a total of about 60,000 square feet of glass. They have also leased a store at 22 West 9th St.

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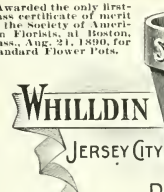

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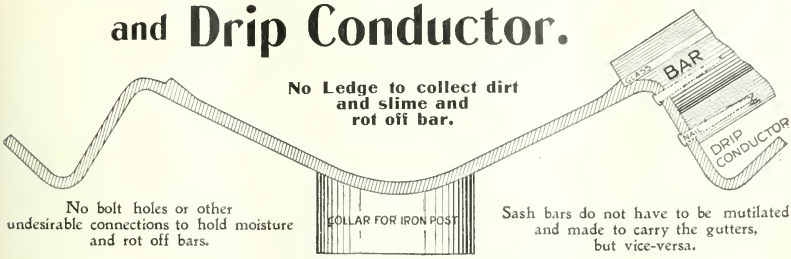

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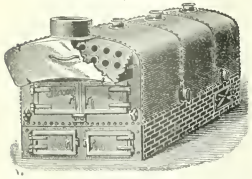

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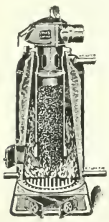

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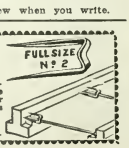

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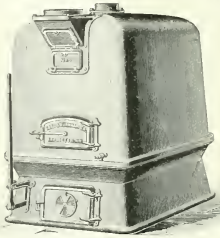

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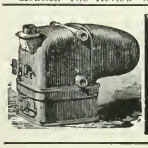

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1 Plant	$0 50	50 Plants	$10 00	500 Plants	$ 70 00
12 Plants	5 00	100 "	16 00	750 "	101 25
25 "	8 25	250 "	37 50	1000 "	130 00

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THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
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Choice Imported Named Gladioli in great variety.

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The 2½-inch pot plants are last year's propagation and are sure to give satisfaction.

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Our new price list for 1901 now ready.

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	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
New Geranium De Koo Mitting, bas yellow foliage and double scarlet bloom	30.00
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Alternantheras, red, also pink, 2½-in	1.50
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California Moss, banging basket plant, 2½-in.	1.50
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Jerusalem Cherry, 2½-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2½-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Iresines, mixed, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2½-in	1.50

	Per 100
Vinca, green trailing, 2½-in	$1.50
Vinca, green trailing, 4-in	15.00
Vinca, variegated, 4-in	20.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2½-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2½-in.	1.50
Heliotropes, mixed, 2½-in	1.50
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Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2½-in	10.00
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Verbenas, 10 choice colors, named, 2½-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Petunias, choice double mixed, 4-in	5.00
	Per 1000
Pansy Plants, 20 leaves, from cold frames	15.00

5 plants at 100 rate, 250 at 1000 rate. Cash or C. O. D.

THE MORRIS FLORAL CO., Morris, Ill.

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Bulbs. Bulbs. Bulbs

Now I am open to quote prices on all SUMMER, FALL and WINTER Bulbs, Tuberous Roots and Plants.

NOTHING BUT THE VERY BEST HANDLED.

Send in your list of wants. Prices will be cheerfully submitted.

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F. W. O. SCHMITZ, - Jersey City, N. J.

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LOOK on page 650, Florists' Review, Issue of April 11, 1901,

IF IT IS NOT THERE WRITE US WHAT YOU WANT.

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Mention The Review when you write.

HARDY .. HERBACEOUS .. PLANTS.

—REASONABLE—

EDWARD B. JACKSON

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STOP Walking the Floor! You wont be disappointed if you place your orders —FOR— **SOUTHERN WILD SMILAX** —WITH— **CALDWELL THE WOODSMAN CO., Evergreen, Ala.,** Or their Agents—L. J. Kreshover, New York; J. B. Deamud, Chicago; M. Rice & Co., Philadelphia; Vail Seed Co., Indianapolis, Ind. **Our advice:** Wire your orders and go to sleep in peace. N. B.—We also sell some Holly.

Mention The Review when you write.

GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.

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SPECIAL SALE GALAX, Green or Bronze. No. 1 stock, 75c per 1000 here, or we will deliver them in any part of U. S. in 5000 lots or more for $1.00 per 1000. **Special lot Dagger Ferns,** $1.25 per 1000. **Laurel Roping,** 4c, 5c and 6c per yard.

Princess Pine, $5 per 100 lbs. Embrace your pine now for it is very nice.

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Manufacturers of..... **Florists' Wire Designs,**

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Galax Leaves and all Decorative Greens.

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THE RETAIL FLORIST.....

Wedding Decorations.

Church and house decoration for weddings and other forms of festivities are about the most important matters to discuss this week with the retailer, and the many other subjects, particularly of matters pertaining to last Easter, must lay over for another time.

Very few carte blanche orders are given nowadays, but Madame and Miss call at your store and pump you dry of ideas for nothing; at best they will ask you to furnish designs and estimates, and these are the rocks on which your bark of hope is liable to get wrecked. The getting of an order these times, especially where there is much rivalry, is cause for even more anxiety than the filling of it, and many times the failure to land one is due to either stiff-necked independence or lack of diplomacy. There need be very little "bell-pulling" about wedding orders; a good reputation, artistic and otherwise, is the first care, and how to grasp the situation the next.

Whenever we are asked to furnish an estimate we send two—one cheap and the other fairly high; and we never fail to get the high one. The sending of two estimates is absolutely necessary in these days of keen competition, one to meet the "Cheap John," the florist whose only apparent mission on earth seems to be to undersell all others, and the other to enable you to give satisfaction to all concerned. Now in giving an estimate one needs to be "up" on the values, appropriateness and availability of materials, and no one is justified in pleading ignorance of these today. The time has come—it may be general soon in the large cities—when people expect sketches with their estimates. One house in New York furnishes them now with a success which justifies a more general adoption. Many, perhaps the great majority of people, don't know what they want until they see it; try to supply their wants.

If a bride-to-be is in the habit of visiting your store and you hope to get the wedding order, endeavor to have not only her favorite flower, but some specially choice or novel arrangement always on the counter; don't feel it incumbent on you to present her with flowers every time she comes in, for it is only "cheap people" who care to be under any obligations. Many accept flowers gratis from the florist because they are too well bred to hurt feelings; if you want to give flowers away, put a bunch of something choice in with their order, or better still, execute their order first class. That will create a better impression than giving them a bunch of violets and charging them two dollars for the one they order.

As to materials for wedding decorations, we know many of our readers are living in places where there is a great abundance of choice evergreen stuff and outdoor blossoms at present. Northern florists envy them their chances for artistic creations, but not their financial recompense. Here in the cold latitudes we must look to the greenhouse for the majority of our material, getting only from the South that which furnishes the background of our work. The plant and cut flower markets here are in such a condition that none are justified (except in very bad cases) in doing scrimpy work; it is a matter of selection rather than price.

It is hard to convince some that many times an artistic spray in the center of a wall produces a better effect than the entire wall being covered. Application is all in all very often. The romantically sentimental is a most essential element at the wedding decoration, and no matter how cynical or bitter your nature, let your work impart some joy; have it illustrate some of the great beauties of that which makes life worth the while. Old-time methods, designs and ideas no longer obtrude upon the progress of today, not that we see much newness; the progress lies more in the way of better work, and particularly in the using of choicer material. Thus we see a greater demand for spring blossoms, such as almond, peach, Japan quince, the deutzias, spireas, forsythia, magnolias, "red bud," and the host of beautiful flowering shrubs so easily brought into flower. These are arranged in arbors or avenues, or arches, or manufactured into trees, care being taken to have each by itself. Often the mere suggestion of the use of such blossoms may get you the order.

The manner of using it depends on the extent of the work. Sometimes a bunch in a one-colored Japanese vase makes a hit. The use of flowering plants such as azaleas, hydrangeas, lilies, genistas, etc., for weddings is so much on the increase that growers find it wise to have a supply right up to the end of June. A great mistake is made in using small, insignificant flowers in the church; whatever you do use big showy blooms and concentrate them. A decoration loses considerable of its value if only seen a few feet from the altar, and the majority of the people don't see them and the bridal party are too much occupied to examine your work. For this reason, too, it is a mistake to concentrate all one's endeavor on the altar; the body and entrance to the church deserve more consideration than is usually given.

Then, where it is possible, and it is so in nearly every case, the center aisle should be reserved for the bridal party; in this way it can be made a grand feature. An azalea can be fastened on the end of each pew; have them all one color—any variety will do; trim the rest of the ends of the pews with greens and a garland and pendant of flowers of a contrasting color. No ribbons should be used. The idea to be brought out is to have the bridal party walk down an avenue of flowers. Use a white or light green crash carpet on the floor and scatter a few short pink or red roses on it. Have a floral swinging gate at the entrance and don't arrange the flowers higher than one foot above the woodwork. Be careful not to have stems, wire, thorns or such things protrude in a way dangerous to dresses. Floral arches should never appear cheaply done; if the price is small use plenty of greens and cluster your flowers where they will show most.

The altar or communion rail is another important point, and the flowers put there should be high enough to be seen from all over the church. Rig up a temporary shelf, cover it with a white cloth to hang about a foot in front, over this a delicate tracery of vines and roses,

Easter Plant Arrangements. No. 1.

suggesting the natural, and then a hedge-like row of pink or white azaleas behind. The old system of hilly groups of flowering plants is passe; the hedge-row shows off much better. Hide the pots and use some sort of cloth in front that will bring out the color to better advantage.

We will continue this subject with illustrations next week. IVERA.

EASTER PLANT ARRANGEMENTS.

In this week's issue we present five engravings from photographs of Easter plant arrangements seen this Easter at the establishment of Mr. C. A. Samuelson, Chicago.

No. 1 is a jardiniere 18 by 8 inches, filled with Clothilde Soupert and American Beauty roses, nine plants in all. Color of ribbon, a pleasing shade of green. The selling price of this arrangement was $8.00.

No. 2 is a birch bark basket, 21 by 10 inches, handle 31 inches high. It is filled with nine plants of Clothilde Soupert rose, a little asparagus added, and dressed with pink ribbon to match the color of the roses. It was arranged to sell at $10.00.

No. 3 is a birch bark jardiniere, 16 by 6 by 6 inches, filled with Primula obconica and cyclamens, the sash being a pale lavender to match the primula flowers. It contains eighteen plants and was arranged to sell at $7.00.

No. 4 is a green braid jardiniere, 21 by 8 by 5 inches, filled with lilies and Primula obconica. The sash is open work lavender ribbon. It was arranged to sell at $12.00.

No. 5 is a green braid basket, 13 by 12 inches, with a sash of green ribbon, and is filled with five lily plants, a few cut stems being added to give fullness. It was arranged to sell at $10.00.

Easter Plant Arrangements. No. 2.

AN EMPLOYES' ASSOCIATION.

An Employes' Association is what we need. Keep the ball rolling! M. R. M.

BEAUTY CUTTINGS.

Can you tell me why my Beauty cuttings turn yellow after they have been in the sand about three weeks and are calloused? My stock is in splendid shape and the foliage is the deepest green in color when the cuttings are put in the sand. INQUIRER.

It is as much a puzzle to me as it seems to be to Inquirer. We experience the same trouble just now, though we feel sure we treat our cuttings the same as before. We have had some very warm and windy days that we thought might have had some effect on the cuttings.

Yet I am inclined to think the principal cause may be in the wood itself. Cuttings from rank growing plants seem more inclined to act in this way than those from sturdy plants that have had the full sun. Cuttings made in fall and January generally do well. They naturally have the best chance, as far as temperature is concerned, but aside from this I believe the condition of the wood has a great deal to do with it.

M. STAUCH.

ROSE NOTES.

The Young Plants.

The clearing out of the Easter plants will have given most growers sufficient space to work up their young rose stock. This important matter should always receive our closest attention, but on most places every bit of space is so crowded before Easter that it seems almost impossible to give their young rose plants sufficient room. Do not defer giving the young plants every possible chance to make a healthy and sturdy growth. June, our main planting season, will soon be here, and it pays to get the plants benched early. Two months' growth during the summer are worth twice as much as in the fall.

Summer Bloomers.

Kaiserin, La France and other good summer bloomers which are planted in solid beds will from now on outclass Brides and Maids on benches. It would be well to consider whether it would not be wise to throw out some of the houses or benches and plant in young stock. This would give the young plants a good start and put us in a position to commence cutting some from the young stock by the time the last house is thrown out.

Early Planting.

We are now planting one house of each of the leading varieties, though we feel sure the old roses would still pay well till after Decoration Day, but we know that the early fall trade will much more than offset the present loss. High grade flowers will always bring a good price, but you cannot have good long-stemmed flowers early in the season if planting is deferred too long.

M. STAUCH.

CARNATION TROUBLES.

The varieties of carnations that I have are Flora Hill, White Cloud, Jubilee, Scott and Daybreak. Until February the Flora Hill bloomed freely and with nice blossoms, but since that time they grow to grass (I think you call it). They look very thrifty, but no flowers to speak of. I send you samples of it, also of the Scott. You notice they are sprouting all along the stalk and send out too many buds. The Scott blooms quite freely right along, but as you will also notice the stalk is full of young sprouts. The Jubilee and Daybreak seem to be all right, only at times the blossoms are smaller.

They were planted in rich black soil, with one-third of well-rotted manure. During winter they received two mulches of well-rotted manure, the first cow and the second cow and hog mixed, and two coats of slaked lime, as directed in your journal. I kept the ground loose, and kept the temperature until February to an average of 55 degrees at night, since then from 48 to 50. I have used liquid manure only once, last week. They grow as follows: White Cloud, 2-10 high; Flora Hill, no blossoms; Jubilee, 2-5; Scott, 2-10; Daybreak, 2-1. L. A. G.

The sample shoots of carnations came in good order, and they show that there is nothing seriously wrong with the health of Mr. G.'s carnations. The small blooms are due to negligence in disbudding and the F. Hills failing to bloom is likely caused by the changing of the temperature.

You should at all times remove all the buds except one bud to each flowering stem, and usually the large center bud is the best one to have, but if it is injured in some way, one of the side buds will do almost as well if it is taken when quite small. Remove the buds and shoots from as much of the stem as you expect to cut with the bloom and that should be low enough to keep the plant compact. It will help to keep the succeeding growth upright, and the shoots from the main body of the plant will give better satisfaction than those starting half way up the stem.

Mr. G. made a mistake when he reduced the temperature to 50 in February, after having kept it up to 55 degrees up to that time. White Cloud, Jubilee and Daybreak were not affected very much by the change, because they enjoy a cool temperature, about 50 degrees, but

Easter Plant Arrangements. No. 3.

Flora Hill does best in 55 degrees, and changing from that to 48 degrees would naturally retard the growth a good deal when they were acustomed to the higher temperature.

If the shoot sent is a fair sample the Flora Hills are just starting to throw up flowering shoots, and will be in crop about the latter part of May. Raising the temperature to 55 degrees will hasten the growth somewhat, and at the same time there is no danger of injuring the other varieties, now that we have a good deal of bright, sunny weather. The growth is very fair, judging from Mr. G.'s figures.

In preparing the soil for next season's planting I would advise using less manure; one-fifth of manure is sufficient. We prefer composting our soil the fall before we want to use it, but if it is composted at once there is yet time for it to get into good shape by next fall. Use a good heavy loam which has a heavy sod growing on it; soil that will grow good sod will grow good carnations as a rule. If it is to lay piled up six months or more you can have the sod cut only a few inches deep, but if it is to lay only three or four months you better take a good deal of soil with it to help rot the sod. If the soil is rather light mix in cow manure, but if it is heavy, well-rotted stable manure will do very well. Carnations do not like a rough, lumpy soil, so it should be well-rotted and pulverized before using. But do not get over anxious and begin before the ground is in good condition. Soil that is handled in a wet state will never grow as good stock as that which is handled at the proper time. It will always remain stiff, and when it dries out it will bake hard like stones. A. F. J. Baur.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of all visitors who expect to attend the convention of the S. A. F. in Buffalo.

While it is true that hotel rates will be higher than usual, there are any number of apartment houses that have been fitted out for the accommodation of Pan-American visitors; also private houses in the residence portion of the city, where rooms can be had for $1 and up for each person, and in many breakfast will be served if desired, while other places will give all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same secured in advance by addressing the chairman of the committee, W. A. Adams, 479 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the S. A. F., as the executive committee look to the Buffalo Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one will be overcharged at any place, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

The Committee.

THE PAN-AMERICAN.

Carnation Show.

The special exhibitions of flowers at the Pan-American Exposition at Buffalo begin with an exhibition of carnations May 1 to 8 inclusive. These exhibitions will be held in the Horticulture building and the rules and regulations are as follows:

All sufficiently meritorious displays will receive a reward. The first will be a diploma, the next a bronze medal, the next a silver medal, and the highest a gold medal.

Suitable vases will be furnished by the exposition management and exhibits will be properly staged when exhibitors do not personally attend.

Judges will be chosen from the most eminent specialists for the respective displays.

All exhibits must be correctly and legibly labeled.

Exhibits must be prepaid to the exposition grounds.

The superintendent will be empowered to remove any exhibit that is no longer attractive.

A business card not to exceed 9x6 inches may be displayed with each exhibit.

The classes for the carnation show follow:

Class 1—Vase of 50 blooms of red.

Class 2—Vase of 50 blooms of white.

Class 3—Vase of 50 blooms of pink (light).

Class 4—Vase of 50 blooms of pink (dark).

Class 5—Vase of 50 blooms of crimson.

Class 6—Vase of 50 blooms of yellow ground, variegated.

Class 7—Vase of 50 blooms of white ground, variegated.

Class 8—Vase of 25 blooms of varieties introduced in 1900 and 1901.

Class 9—Vase of 100 blooms, not less than 5 varieties, arranged for effect.

Class 10—General display of blooms, any variety or quantity.

Entries must be received by superintendent not later than April 27th.

Exhibits must be in place not later than noon of the opening day.

Any exhibit in one class will not be considered as competing for award in other classes.

Other special exhibitions to be held during the summer are: Tender roses, May 21 to 25 inclusive; Pæonies, May 28 to June 7; Hardy roses, June 18 to 28; Sweet Peas, July 23 to August 2; Gladiolus, August 6 to 17; Asters, August 27 to September 7; Dahlias, September 17 to 27; Chrysanthemums, October 22 to 31.

A pamphlet containing the classes for each of these special exhibitions has been issued and copies may be had on application to William Scott, assistant superintendent in charge of floriculture, Pan-American Exposition, Buffalo, N. Y.

A NATIONAL FLORISTS' AND GARDENERS' UNION.

Editor Florists' Review: Having read the several letters appearing in your paper on the above subject, I think the florists and gardeners of this great country should feel ashamed of not having formed such an association before.

I would include both the commercial and private men, foremen, head gardeners, florists, clerks in stores and all assistants.

Let us now take the iron while it is hot. I call upon those who are not afraid to come forward *at once* in every city and town, and let us know who you are and where to find you.

If every first-class florist and gardener, etc., will do this at once, and call a local meeting amongst themselves, appoint a representative and delve into his pocket at the rate of 25 cents each (and throw jealousy to the winds), he can be represented in Buffalo next August and such a union formed, and he can then be on equal grounds with every other professional man in this country. At present we are on a lower standard than many a common laborer in this respect.

I would suggest that where florists and gardeners, etc., are not numerous enough in one city or town that these cities and towns work together and send one good delegate to represent them.

For instance, in my own locality I would suggest the cities and towns of Lowell, Lawrence, Haverhill, Andover, Nashua and Manchester send one delegate between them.

Now get together, men, and talk this

matter over, as we are each day, as at present, losing ground, lowering our profession, our wages and also the price of our productions.

We must have a national society, and the first year of this new century is the time to form it, and the city of Buffalo as good a central meeting place as we can find, besides having the advantage and help there which we shall surely get from the Society of American Florists.

Up and at it!

W. L. Palmer.

11 Read street, Lowell, Mass.

MISCELLANEOUS SEASONABLE HINTS.

Bedding Plants.

There are few weeks in the year busier than those before us just now, for everything used in the flower garden wants its last shift so as to be ready for bedding out, which varies in different latitudes. With us plants that are hurt by a slight frost are not safe outside before the 25th of May. We often risk geraniums by the 15th and many seasons have done well by so doing, and again have seen them cut down black on the 20th. Coleus, alternanthera and cannas we never put out till the last few days of May. But this is no guide to those who live in a more temperate clime.

At the risk of repeating what I have perhaps written of lately I propose to tell you now just what I would consider a good shape in which to have your stock for spring sales. It would be next to impossible to mention everything you grow and at the same time I don't expect that many of my readers grow everything I have spoken of, but unfortunately there is yet a lot of us whose peculiar line of business demands us to grow or supply most everything for the flower garden from a carnation to a caster bean. Never has the need of the application in our business of the prineiple of division of labor more impressed itself on me than the last few days. And it is coming, but it has not yet reached us all, and so we plod along.

I would like to find just now all the hardy annuals such as asters, stock and phlox transplanted an inch or so apart in flats and put on a dry bottom in a sunny position in a cold-frame with the means of covering the sash on cold nights. The cannas in 4-in. pots in a bright, warm house where on warm days they can have plenty of ventilation. The caladiums in 5-in. pots in the same situation. Alternanthera in 2-in. pots or flats in a mild hot-bed, where they will grow like the proverbial weed and can be hardened off later by the removal of the sash.

The zonal geraniums that were propagated last September and October are in 4-in. pots and on benches in the lightest houses; no shade over them, but if you could possibly put two or three inches of plunging material between the pots it will save you labor in watering and keep the plants a better color. With us our zonals are fast putting up their flower trusses and we can use the flowers, and the plants are all the better without the flowers till near bedding time. The zonals that you propagated in February should now be in 3 or 3½-in. pots and will make good bedding plants by the end of May. You should have a good stock of Salvia splendens of the dwarf early flowering variety. The salvia is a plant that you do not want to have too early and pinched for pot room or they are very liable to get covered with red spider. So small plants now shifted into 3 and 4-inch will make the right size plants by selling time. Every year there is more demand for these common but showy plants.

We use a large lot of vineas for vases. Propagated in the fall they should now be growing in 3-in. pots and by the end of next month they will be the right size. You should also have a large lot of trailing abutilon. Its variegated foliage makes it very desirable for window boxes. For both these plants and many others we have to find a place along the edges of benches so they can grow out. If stood together on a bench they soon spoil.

You should have a big lot of sweet alyssum just shifted into 3-in. pots and plunged in a mild hot-bed. We have never had enough of them. There should be a large stock of lemon verbenas. Plants about now shifted into 3-in. and put into the hot-bed will make splendid bushy little plants by bedding time. Ageratum is such a rank growing plant that we keep them in the benches. This is another plant you don't want to have too early. Plants even propagated now and later given a 3-in. pot will make splendid bedding plants. Tuberous begonias I would like to have now in 3 and 4-in. pots, but only just started. They also will do better in a mild hot-bed than in a greenhouse and, like many other things, can be hardened off.

If you carried over any carnations from last fall in a cold-frame for bedding out for summer bloom, or propagated any very early for the same purpose, it is time they were planted out. Your customers foolishly wait till coleus time and then ask for carnations. Sell them and get them planted out as quickly as possible. Centaurea gymnocarpa is still used for bedding and more with us as a veranda box plant. We prefer to grow them in the benches in a light house as they get a better color and hardier growth than when put into a hot-bed. There is always a good demand for Cobæa scandens. Ours are just shifted from a 2-in. to a 4-in. pot and a slender stake of two feet high put to them. Keep them in a cool, light house and they will be amply large enough.

It is difficult to say how we would like to have coleus because we want them in all stages. Just now we are shifting a thousand or two from 2½-in. to a 4-in. and giving them their last pinch. In a warm, bright house where the heat is kept up these will make large plants, with us so useful for vases and veranda boxes. There is no better place than the hot-bed for your main crop of Verschaffeltii and Golden Bedder and these two comprise 90 per cent of all the coleus you want. We are now shifting a big lot of these bedding size from 2 to 3-in. and they will make good, sturdy plants by bedding time.

Though a plant entirely out of the bedding class I would just say that our cyclamen are now in 3-in. pots on a shelf. I know many of you have a strong objection to a shelf, but when crowded they come in very good. Be very careful that they never suffer from extreme dryness, for it does them great harm.

I forgot to mention earlier a very important plant; that is, the ivy geranium. We have lately shifted all ours from a 3 to a 4-inch. We use these very largely. There is no other place for them but a shelf, because they must have room to grow in width and not in height. I have often seen these plants allowed to bloom long before selling time. They are the most profuse bloomers early in the season. Keep the flowers pinched off until the middle of May or it will stunt their growth. The common white pyrethrum, often called Feverfew, is, as you all know about hardy. They should be in a cold-frame. Our fuchsias are now in 4 and 5-in. pots, growing vigorously. Don't neglect tying them (that is, the varieties that need it), and here is a plant that must have some shade.

Heliotrope is another plant that we have in successive batches and often we have them too early and they get rusty and shabby before market time. Thrifty plants in 2-inch pots, if pinched and shifted now, will make the best for bedding. Lobelia we have just shifted from a 2 to a 3-inch. They always go on the shelf and we never have too many. Mignonette sown in February should now go into a hot-bed. Three plants in a 3-inch pot make nice plants. Every one should raise these favorites from seed, but they do not, and it is surprising how many are asked for at bedding time.

Nasturtiums of the climbing varieties should be now in 2½ or 3-inch pots, and, as I have frequently had occasion to say, they do not want a rich soil. These also we put on the shelf. If very small plants now, they will be plenty large enough by the time you are filling vases.

The great majority of people do not plant out pansies until late in May. This is a big mistake. Those we have wintered under glass in a cold-frame are now coming into flower and now is the time we sell them. They do better and you have a month bloom before it is time to put in the permanent summer plants. Get rid of them as soon as possible, for now thy command a better price.

I have had very little to say about pelargoniums for a long time for the reason that I am about disgusted with the way they sell. The zonal geranium is so much more satisfactory that they have entirely displaced the show pelargonium. It will soon be their season of blooming. I can only say this about them: never let the fire out in the house they are in. One damp night and the petals will drop, lodge on the leaves and rot them. Continual mild fumigation and plenty of warm fresh air is the secret of growing pelargoniums.

The petunia is a very important plant with us for various purposes. They grow very fast. Our plants have just been potted singly from the flats into 2½-inch pots and stood in the lightest and coolest house we have. In a hot-bed they grow altogether too strong. I see at last that the little plant that nobody seemed to know much about, Pilogyne suavis, is now being advertised as the

Minnesota vine. It is one of the best of all summer climbers. It will make a dense veil, even surpassing the cobea, and much prettier. I hope you have some. It is a difficult plant to winter, but grows at a tremendous rate toward spring. Cuttings put in now root so quickly that there is plenty of time for them to make as large plants as is desirable.

We are asked every year for 100 or so of ricinus for large tropical beds. Ours have just been shifted into 4-inch pots. We have a number of tuberoses started and they will be shortly shifted into 4-inch pots, and they also go into a hotbed, where they make much quicker growth than in a greenhouse. We don't grow them for flowering, but our customers want them for their gardens.

Verbenas are still grown, but not to such an extent as they were years ago. We have been raising from seed for a number of years. Seed sown the last of January have made nice plants. We have stopped them once and now they are in a hot-bed, but the danger of this method is that they root through into the soil and you must be careful in a week or two to lift them up an inch or so, enough to break off the root. If you do not, they will make such roots in the plunging material that they will make all growth and no flower. Now, what I have written above is nearly all for summer bedding plants, and that, I think, is enough for one week. WILLIAM SCOTT.

NEW YORK.

The Spring Season.

The season in the vicinity of New York is nearly two weeks behind. Vegetation seems moving very slowly; not that it has been an over severe or long winter but cold wet rains seem to have retarded everything. However, the seedsmen, nurserymen and general plantsmen, are extremely busy and the prospects seem very bright for an extraordinarily prosperous spring. There is a great demand for novelties of superior merit and that is one of the best indicators of a good business season. Geraniums seem to be regaining lost ground and even promise to overthrow the canna somewhat in popularity as a bedding plant; this is perhaps because there has been too many trasby cannas put on the market of late years and the people get tired of the lanky leaved flowerless plants.

The plant market at Canal and West Sts. opened with a bang and the old familiar peddlers' wagons can be seen traversing the streets with their loads of pansies and soft wooded flowering plants. By the way, pansies are in greater demand than ever; window boxes and vases filled with them are appearing everywhere.

The Market.

The only melancholy note to be heard just now comes from the ice boxes of the wholesale florists here; an undesirable state of affairs exists. When roses, good ones, too, can be bought at from $1.00 to $2.00 per 100 up at this time of the year it is useless to use up type in further description; whatever is done let it be in sympathy.

The Easter plant trade in New York was enormous. Lilies on the average were poor; the most was made by those who made up their stock. The retailers had considerable stock left on hand; much of it, however, came in handy for complimentary and other sorts of jobs.

Various Items.

At the meeting of the horticultural section of the American Institute last Wednesday there were but very few flowers on exhibition. Much good work was accomplished by those in attendance. H. W. Gibbons read a most instructive paper on greenhouse building.

The Horticultural Society of New York met the same afternoon and arranged for an exhibition of cut flowers and plants to be held in conjunction with the New York Botanical Society at the museum in Bronx Park, May 8 and 9. Good prizes are offered and all the local societies are to be invited. It is expected that this will be a great field day, it being the first exhibition to be held at the Botanical Gardens. Particulars can be had from L. Barron, 136 Liberty St.

Dutch nursery stock occupies the principal portion of the auction tables these days and very good prices are the rule.

There will be numerous changes among the retailers this year. James H. Carroll, with Thorley ever since he came on Broadway, is now manager for Fleischmann, and Jim arranged some of the best things seen this Easter. Alex. Warendorff gives up his store at Thirtieth street and Broadway May 1, the business to be consolidated with that of his brother, Joseph Fleischmann, at the Hoffman House. Prower Bros. move across the street. We hear Dards and Siebrecht & Son intend moving to more prominent locations on Fifth avenue.

There promises to be a revolution in the mode of selling cut flowers in this city. The large growers will, it is said, shortly organize and open a market to retail their own stock. J. I. D.

Easter Plant Arrangements. No. 4.

WASHINGTON.

Easter Trade.

For a whole week before Easter the sun was hidden behind the clouds, and Saturday morning it began to rain. Of course prices came down with the rain, but about noon the sun shone beautifully and brought the buyers out in throngs. Prices for all stock were much more reasonable than in former years, but the supply was much greater and hence better receipts. In spite of the weather, the business in general was at least 25 per cent greater than last year.

Azaleas in smaller sizes sold well. Quite a few Ramblers could be found on the shelf. The demand for Ramblers for an Easter plant is growing less. Lilies sold on sight; still there were plenty to go around, but none left. Pans of tulips and hyacinths, such as 50 cent to $1 sizes, sold well. Spireas sold fairly well, but some of the boys had entirely too many. Rhododendrons, genistas and deutzias held a back seat, although some very fine plants were to be seen. Hydrangeas sold well, but the greater demand was for $1 to $1.50 sizes. Violets in 6-inch pans sold readily for 50 to 75 cents. Hyacinths in pans were cleaned up early in the day. The supply was far short for this popular Easter plant. Daffodils came in by the tens of thousands from the south, in competition with ours, which was a blow, and sold for $5 to $6 per 1,000. Consequently they were sold and ours held over for the dump, as well as violets, which were entirely too plentiful, bringing $2 to $3 per 1,000, but home-grown violets were away short and $5 to $7 per 1,000. In the way of general cut flowers there was no scarcity.

Gude Bros. supplied the market with fancy Beauties and cleaned out at $6 to $9 per dozen. There was a general scarcity of short Beauties. Teas of all kinds were picked up very readily at 12½ to 15 cents.

The American Rose Company held the town on lilies. Their supply was something enormous and sold at $2 per doz. Their delivery wagons were going all

night and nearly all day Sunday. The finest Easter they ever had. Their new rose, Ivory, went like hot cakes.

J. R. Freeman hit it right with everything but lilies. Plants of all kinds, and fine ones at that, all went and at good prices.

Z. D. Blackistone's was a massive bower of plants, and well arranged, too, but the next day it looked as if a cyclone had passed through his store. "Did fine," he says.

George Shaefer had a handsome effect in made-up plants and did a much greater business than he expected.

O. A. C. Oehmler did a fine business. Two days after Easter fire broke out in his place of business and completely burned him out. He has been in business only a short time and has the sympathy of the craft. Fortunately he was insured for enough to completely cover his loss.

Elmer Mayberry, of F. W. Bolgiano's, says: "We had to close up early Sunday—completely sold out. Did the best we ever did."

W. E. Lacy, of the Grant Flower Store did finely; sold out everything.

The display of J. H. Small & Sons was something rich in the way of fancy made-up plants. From the general appearance the next day they did a great business.

J. L. Loose says: "We were prepared for the rush and got it. Yes, sir; we had plenty of everything and everything went."

Business since Easter has been fairly good. Lilies are a great glut. Too many; they will not sell; can't give them away. Daffodils are the same way.

F. H. Kramer.

BUFFALO.

The past week we have had most charming weather and hyacinth and tulip beds would take a shower.

From fuller reports of Easter it appears that everyone did a larger business than last. That was to be expected here because we have many more people in the city than there was a year ago and everybody is feeling better off. How much the increase was I can't say, but I should think at least 20 per cent. I notice quite a few bougainvilleas left over—nice flowered plants. People are not quite educated up to it yet. We found that out two or three years ago. And there were also all the Ramblers in town that were necessary.

Take it all together stuff was well cleaned up. There was not such a great demand for roses. Violets were the favorites. I was told that S. A. Anderson sold 20,000, and supposing that Mr. S. took a long breath when he made the statement, and that 10 per cent was added by the one who told it to me, it was yet a large quantity.

Henry A. Dreer has Mr. Parsons on the ground fixing up his exhibit in the conservatory at the Pan-American, and Mr. Julius Heinrich is looking after the interests of Peter Henderson & Co., and converting an expanse of clay into a small paradise.

Mr. Benj. Slug Shot Hammond was here and others, but my time is up.

Pan-American Progress.

April in Buffalo, although it cannot be called a cold month, is very uncertain, and unfortunately this April has been so far a typical one and a little more so. A bright dry April would be a great blessing to the progress of work on the grounds, and that, of course, is of more consequence than all the agricultural and horticultural industries of this broad land—or we think so. The shrubs and herbaceous plants, with few exceptions, have come through the winter in good shape and the grass seeded last year is perfect and slowly assuming the welcome tints which gladden the eye. The thousands of hyacinths, tulips and narcissus are showing well above the ground, and these in the exhibit department are bound to make the music garden a brilliant expanse of color during the month of May. The long borders on each side of the Grand Basin, containing a quarter of a million bulbs, are also showing up finely.

I will pause here to say that when every detail is finished and these beds are gay with summer flowers and fountains with the Electric Tower filling the view to the north with the exquisitely tinted Music, Ethnology, Liberal Arts and Machinery Buildings to your right and left, the grand group of government buildings rounding off the eastern view and the horticultural group the western, it will be a scene, a dream, never before equaled. The aquatic basins in the Court of Fountains in front of the Machinery, and the Court of Cypress in front of the Liberal Arts Building, are about complete. The one destined for the Victoria will be carefully and thoroughly heated. The exotic nymphaeas also for this basin are being grown in the conservatories, and are already splendid plants and growing at a prodigious rate. Many exhibits of conifers and shrubs will be here the moment the ground is sufficiently dry.

The landscape department is still propagating with all possible speed and many hundreds of sash are now covering hot beds that contain hundreds of thousands of bedding plants to be used in the courts, at the base of many of the buildings, in front of the Pergolas and in every available spot where color of flower and foliage can further embellish. As I have often had occasion to mention, this is no "White City, and the charm and delight of the coloring of the buildings is beyond my descriptive powers. Amherst street, the only paved street that crossed the acquired ground, would be no longer recognized by the oldest inhabitant. On each side of it magnificent palaces; crossed by canals; in long stretches, planked and paved ten feet above its old level; bordered by tall Lombardy poplars, and where the old street is still left at its original grade, covered with a foot of soil which will be a tropical garden profusely dotted with splendid statuary.

Within a few days the fence dividing the acquired ground from Delaware Park has been removed. Buffalo people knew the effect of this, but the stranger whose attention was not drawn to it would have no idea of the enhancement to the whole Exposition. Here are 150 acres of a true park whose landscape features are unsurpassed. Although electric fountains, electric launches and innumerable lights throughout the grounds will make it a fairy scene on summer evenings, great and beautiful as is the whole design of the Pan-American, the transition from the artificial to the natural as you enter the park is delightful and a feature that no previous exposition has had the good fortune to possess.

The schedule of the classes for the series of flower shows which will be held throughout the summer is being issued in very tasty pamphlet form, and all those who are interested in these exhibitions who do not receive a copy will be gladly furnished the same by forwarding their request to me at the Horticulture Building, Pan-American Exposition grounds.

William Scott.

PITTSBURG.

Club Meeting.

On Thursday, the 11th inst., the Pittsburg and Allegheny Florists' and Gardeners' Club held its regular monthly meeting at the rooms of the Pittsburg Cut Flower Co., 504 Liberty street. There was a good attendance and a spirited meeting. There are seventy eight members in good standing.

Hyacinths.

There was an exhibition of hyacinths from Schenley Park and of new carnations from Mr. C. W. Ward, of Queens, L. I. The hyacinths were representatives of a large collection donated by Henry A. Dreer, of Philadelphia, to the park last fall. The best yellow was Ida. La Grandesse was voted the finest white, and L'Innocence and Queen Victoria found much favor. Alba Superbissima while a good white was disapproved because of its tendency to green tips. Baroness Van Thuyll, a long time standby white, was repudiated because of its tendency to "spit" its flower spikes, and Madame Vander Hoop isn't innocent in this line. King of the Blues was the deepest and finest of its color, and it makes big spikes. Charles Dickens came next and is easy to grow. Grand Lilas and Queen of the Blues gave most pleasure among the paler blues.

General Pelisseur was the finest of the deep reds, but it doesn't hold its color long. Lord McCauley and Gertrude were fine among the deep pinks, and Charles Dickens the biggest and heaviest among the pinks; Gigantea, a full flower and lovely pink, was much esteemed, and because of their pretty pink shades some leaned heavily to Fabiola and Norma, but these were deficient in size. The best of the doubles were Grootvoorst, pink, and La Tour d'Auvergne, white, but doubles were not in favor.

Evidently the Pittsburg florists are souring on hyacinths. They claim there isn't enough money in them. They get only $1 to $1.25 a dozen for nice plants in four-inch pots in bloom, and after paying for bulbs, pots, etc., there is so little profit in the venture that several expressed themselves emphatically against growing them again. They make more money from other flowers.

Carnations.

Mr. Ward's carnations were beauties and consisted of Governor Roosevelt and Harry Fenn, crimsons, and Viola Allen, Golden Beauty and others of fancy types. Every florist present was a good Republican for once and wore Teddy in the lapel of his coat, even John Bader, a pronounced Democrat, declared the carnation was all right anyway and asked for another bloom. Mr. Reineman believes it is the best crimson in the market. Gus Ludwig said the color is used very little in Pittsburg because there is never enough of it at one time in the market for a full decoration. Mr. Blind spoke well of it, as he saw it grown in the east. But Harry Fenn captured the

Easter Plant Arrangements. No. 5.

meeting. It isn't nearly so dark as Roosevelt and it is suffused with a bright scarlet glow that gives it good life, and more than that, it is exceedingly fragrant. It has also a good, stiff, long stem and a well knit, finely formed flower. The fancy or variegated carnations were very beautiful, but the Pittsburg florists don't enthuse over them because there isn't much market demand for them.

Notes.

All expressed satisfaction with their Easter trade. Lilies in pots were unequal to the demand. Mme. Van der Cruyssen azaleas sold like hot cakes. Simon Mardner was next in favor; then Vervaneana as a variegated flower and Niobe as a white. But there were some whites left. Mme. Van der Langenhoff came in for some abuse because it drops its buds and leaves when being imported. Crimson Rambler roses received considerable commendation, but the home-grown stock flowered better than what was bought in the east and brought bither for forcing.

Henry H. Negley, Alexander Negley and Dr. Shaffer, gentlemen who have fine orchid collections in Pittsburg, were present, and Mr. H. H. Negley, just returned from an extended trip through Florida, gave an interesting talk about the gardens in the Flowery state and his interest and pleasures in the Everglades, mangrove swamps and along the river banks in search of wild orchids. He was loud in praise of the "palm" orchid (Cyrtomium punctatum) and its big panicled spikes of brown and yellow flowers. He exhibited this at the meeting. But be cautioned the members against going to Florida to start in the florist business. His advice was, "stay here and make your money and go to Florida to spend it." P. A.

Leavenworth, Kan.—R. C. Hinz is building 10,000 feet of glass for the production of cut flowers.

CHICAGO.

The Market.

The usual after Easter conditions prevail, especially as regards roses, lilies and bulbous flowers. Of roses there is practically a glut and prices are difficult to quote. On really first class shipping grade the price is about $5.00 to $6.00 per 100, but the great bulk of good stock is sold at from $2.00 to $4.00 and the poor stuff runs down to $5.00 per 1,000. There is a big supply of late lilies and quotations are as variable as the weather. One dealer asks $8.00 to $10.00 for the best, another $6.00 to $7.00, another $4.00 to $6.00, and still another asks "what will you give?" Of course the quality counts all through these figures but one can buy really good lilies at $4.00 to $6.00 and this is probably a fair average.

Carnations are another story altogether. Of the best grades there are none too many and good fancy bring $3.00 readily while a few specials go as high as $4.00 and $5.00. Good ordinaries bring $1.50 to $2.50, with Scott and that class at $1.00. A few Lawson and Red Bradt are the only ones in the $5.00 class; Crane, Marquis, White Cloud, Bradt and Nugget are in the $3.00 to $4.00 class and the lower grades of these and other sorts make up the cheaper ones.

Beauties are holding up pretty well at $3.00 a dozen for the best, and then $2.00, $1.50, $1.00 and 75 cents, with the medium lengths in greatest demand.

The supply of greenhouse grown bulbous flowers is slackening a little and there is a trifle better tone in the market for them, though prices are still low. The outdoor grown stock from southern points is arriving more freely but of course this is in a class by itself.

There are lots of callas and prices are low, but there seems to be a shortage of "green goods" such as smilax, asparagus and adiantum.

Local demand is light but fortunately shipping trade keeps up very well for the season and on the whole trade is apparently in a healthy condition for the season.

Various Items.

And now the Greeks are forming a "Union." It is currently reported that each member pays a fee of $5.00 and that when the "Union" declares a boycott against any of the wholesalers any member caught buying of him forfeits the five bucks. When any wholesaler orders a Greek to "quit wearing those flowers out with your hands," or vehemently informs him: "No, you can't have 'em for $3.00 a thousand; get out of here," he will be solemnly boycotted by The Amalgamated Association of Allied Chicago Greeks and he will then be up against the real thing. Charley Probst is the treasurer and holds the forfeits. We have not yet heard what the forfeits may be expended for when forfeited but would suggest a good dinner and a box of cigars to the boycotted wholesaler. May the forfeits be numerous if this carries and the wholesalers will count us in on the side.

Mr. Challenge Ventilator Evans of Indiana, was a recent visitor.

Geo. W. Scott, the West Madison St. florist, buried his sister last Tuesday.

Geo. Piepgras has taken deskroom with Bentley & Co. while winding up his business affairs.

Mr. C. M. Dickinson, of E. H. Hunt's, says the Greek's Union is a good thing. He hopes for the honor of being the first to be boycotted so they will keep away from his place.

McKellar & Winterson are still doing a big business in general supplies and find no let up in trade.

The crocuses, scillas and snowdrops are in bloom at Lincoln Park and the hyacinths are pushing up their flower spikes.

There is talk of an elaborate floral parade at the time of the visit of President McKinley to the city early in June next. The officials of the National Business League, of which A. A. Burnham is secretary, is pushing the project.

The Geo. Wittbold Co. arranged a decoration for the Holland Society at the Grand Pacific Hotel this week of which a feature was an old Dutch windmill twelve feet high. Though flowers were freely used elsewhere the mill was covered merely with green sheet moss.

Mr. Flint Kennicott will soon make his usual spring move to his country place at "The Grove." Mr. Kennicott's father settled there in 1837 when Chicago was a village and was the pioneer nurseryman in this section.

"The Paeony, its place in the cut flower market and the best varieties," is the subject for the Florists' Club's regular meeting tomorrow (Friday) evening and the subject is to be treated by Chas. Klehm and Flint Kennicott.

RICHMOND, VA.

The Easter trade taken altogether was an improvement over last year, notwithstanding a rainy Saturday and backward weather. The plant trade seemed to suffer some, but all grades of the best material went off well and brought good prices. Easter lilies were not over plentiful and all the good stock went early. Hyacinths were in good supply and sold readily, but some

were left over. The weather kept cut material in good shape and nearly to the day cut flowers of all descriptions were sold out, even violets which came down from Louisa in great boxes on all the trains. Supposing something like 80,000 violets were sold to this market.

The stores had good displays and all seem satisfied with results. Hammond and Mann & Brown were out for the biggest plums. Then came Harvey, Whitty, Mosmiller, Reynolds, Amory and Eby, followed by the market brigade, and last, but possibly not least, the new colored candidate—Forrester—who had all the work for "Brudder Jasper" of "De sun do move" fame.

Let the florists keep their eyes on Richmond. The business is certainly moving here and some day not far distant will reach dimensions to surprise some of those who regard the market as small. O.

ST. LOUIS.

The Market.

Since my last report business has decreased and the prices cut to almost nothing. The glut started the early part of the past week, the best of stock being hard to dispose of and there are prospects of the glut continuing during the present week. Stock of all kinds can be bought at buyers' price. Fakirs are selling fine stock on the street at any price; 10 cents per dozen for fine carnations and roses just as cheap. Not only are roses selling cheap but all other flowers. Bulb stuff is dead, very little demand for it. Sweet peas are 25 cents per 100; valley and tulips $1 and $2; Harrisii and callas are $10. The growers and wholesalers find fault with the prices obtained for stock and with good reason. There has been entirely too much stock brought to this market for the light demand. The quality of the stock coming in at present is fairly good; in roses American Beauty has improved greatly. Violets are showing the effects of the spring weather and a few warm days will put them out of the market. This is all that can be said of the market this week.

Notes.

Tree planting has been very brisk so far this spring. Mr. C. C. Sanders reports that he is very busy just now planting trees, evergreens and shrubs.

C. Young & Sons Co. report large orders coming in for plants, seeds and bulbs. They expect a large trade this spring.

Mr. Wm. Bouche, the landscape gardener, reports that he is at present at Laughlin's place and is getting it in fine shape. Mr. Laughlin will spare no expense and will have the finest place around St. Louis. Sander's Nursery is furnishing all the plants, trees and shrubs.

According to the reports of the commissioners to the Pan-American Exposition, Mr. Wm. Bouche will have charge of the work for the Missouri exhibit and a better man could not be found to do credit to old Missouri.

Club Meeting.

The April meeting of the Florists' Club last Thursday was very poorly attended only ten members being present, most of the growers being too busy with spring trade. No essays were read, all being excused until the May meeting. The first ten per cent of the World's Fair subscription was ordered paid. J. J. Beneke resigned as chairman of the exhibition committee and Fred Meinhardt was appointed to the place by the president. Very little other business was transacted. Next regular meeting in May will be a sweet pea meeting.

Bowling.

The Florists' Bowling Club has started its summer bowling in order to be in shape for the Buffalo match. The attendance was poor for the first night, but a full attendance is promised for next Monday. The scores were as follows:

	1	2	3	4	5	T	Av.
J. J. Beneke	153	186	146	174	183	842	168
C. A. Kuehn	156	183	162	157	196	795	159
J. W. Kunz	125	148	158	141	113	685	137
John Young	128	124	152	...	...	402	134
F. C. Weber	157	171	121	110	...	561	115

J. J. B.

PHILADELPHIA.

The Market.

Business has fallen off considerably; plants are at a standstill; cut flowers are in long supply—an adopted term—hardly sounds right. Carnations are holding fairly well in price but roses have tumbled; $2.50 a doz. is about as good as you can get for five foot Beauties and Teas are down to $6 and $8 a 100 for the best, with the accent on the $6.

Violets are nearly over, likewise bulbous flowers. Would to heaven they were entirely over. One shipper alone sent 14,000 southern single daffodils to a commission house on Monday of this week. The stores seem fairly busy; there is a good deal going on still.

Various Items.

Stephen Mortensen has five acres of ground and 15,000 feet of glass at Southampton. To this plant he intends adding 5,000 feet of glass next summer. He grows roses exclusively. His Brides and Maids show great vigor. His young plant, grown in narrow houses are in splendid shape.

Jennings Bros. of Olney, who have the reputation of taking very fine roses to uptown stores, are going to tear down and rebuild a number of their houses next summer, using their patent benches and gutters.

Adolph Fahrenwald had a very heavy crop of special grade Beauties for Easter. His houses are full of stout canes that have far outgrown the seven-foot stakes to which they are tied.

There is an opening in this country for a specialist in araucarias; it is thought that over $100,000 go abroad annually for this "Christmas tree."

David Anderson of Garrettsford, Delaware county, will plant two 150-foot houses in American Beauties this summer. If he does them as well as Brides and Maids they will be very fine indeed.

Frank Blakeborough, of Clayton, N. J., formerly of Mt. Airy, reports good Easter business. This is only his second year but he is educating the natives to buy flowers and feels much encouraged.

Charles Zimmer, West Collingswood, N. J., reports excellent Easter business. He had some lilies late but there were many others in the same boat.

William J. Moore has put a fine new wagon on the street. Business is surely way up with this hustling commission man.

The April meeting of the club was favored with three splendid papers on the rose by John N. May, Summit, N. J., John H. Taylor, Bayside, Long Island, and Benjamin Durfee, Washington. These papers are to be sent to Dean Hole, who was elected an honorary member of the club. John Walker was also elected an honorary member.

Robert Craig has a promising lot of calceolarias well set with buds.

Jean Viaud is a likely bedding geranium. It is of the Bruant type, flowers large and double, color pink.

The Floral Exchange are said to have placed many young plants of Queen of Edgely rose in small lots among private gardeners.

Myers & Santman expect to grow Sunrise next season, it is understood, as a side bench rose in some Beauty houses.

It is estimated that the loss to all of us through the rainy Saturday before Easter was not less than $25,000. This is probably conservative.

John Westcott reports his wholesale Easter trade as ahead of last year, but the retail trade was ruined by the rain. This applies to all our cemetery florists.

William Wunder, Haines street near Limekiln pike, has a blue daisy which he thinks will prove useful for cut flowers.

Samuelson of Hatboro, has reappeared. He is said to have been seen at the Hyphen rose show.

Who is Phil? Why Phil, A. Delphia, of course. Phil.

BOSTON.

Trade Conditions.

No more sympathy need be wasted on the Puritanical city of Beans-by-the-Bay. Things have been better since Easter than could be expected considering the weather and other ailments on this page of the almanac. The two weeks' rain held back the blossoms somewhat, as well as the customers, so that really there was not much of a glut after the very fair demand was supplied. Of course everything was quite closely cropped for Easter which helped materially in keeping goods down to marketable quantities. Violets even tried to be scarce for a few days, pinks not a bit plentiful and nothing in oversupply except large American Beauty roses, of which there never was such a supply forced upon the city. There is the sharpest kind of good natured rivalry between the salesmen of the E. M. Wood Co., Welch Bros., and Manter, with the assistance of Geo. Sutherland, who has the cut of the Exeter Rose Conservatories.

Like the great and only original American beauties these goods are shy in bloomers especially in cold weather and it is really remarkable that the sunny side of a cold New Hampshire hill can compete with the middle Atlantic states in their growth, even if no one challenges the crop of those hills on the genuine sort. But the Exeter people play a good game with them and their cooler temperature comes in good play during the next two months in keeping up a good color.

Beauties are now selling at from $1 to $6 per dozen in competition with a fair supply of Jacks and Brunners, Brides and Maids at from $2 to $16 per 100; pinks, $2 to $4 per 100 on good ordinary kinds; violets, 25 to 50 cents; bulb goods, lilies and quite an array of spring material at low prices. But quoted prices are of no value just now. It would take a trombone ten feet long

to play the changes they will undergo during the next few days. Old Sol disturbs our business conditions more than any changes in the revenue tariff does anything else; it is his deal next, we have all "anted up" and are in the game.

THE EASTER TRADE.

(Continued from last week.

SARATOGA, N. Y.—T. J. Totten reports Easter business as not so good as last year. It rained all day Saturday and Sunday. The wholesale trade was good, there being a large demand for lilies, which were scarce this year, about 60 per cent of the plants being diseased.

PROVIDENCE, R. I.—E. J. Johnston reports Easter trade as very satisfactory. There was an increased demand for azaleas and other flowering plants. Bulbous stuff sold well. Short supply of carnations and lilies. Weather very stormy, making it difficult to deliver plants in good order.

OSHKOSH, WIS.—Isaac Miles reports Easter trade as 20 per cent better than last year, with lilies in fair supply and carnations very scarce. An abundance of roses, tulips, valley, forget-me-nots and hyacinths. Plant trade fair with a good supply of azaleas, cinerarias, hyacinths, ferns and palms.

NEWBURYPORT, MASS.—J. A. Kenison reports that all the florists cleaned out well at Easter, pinks selling at 10 cents each, roses 15 cents and lilies 25 cents per blossom or bud. Churches, stores and private houses were decorated much more than usual and many orders were given florists to decorate graves.

NEW BEDFORD, MASS.—Samuel S. Peckham reports: "Easter trade was very good in spite of the very rainy weather of Saturday; plants selling very well; lilies scarce and high, also carnations; violets very plenty, but sold well at fair prices. There seemed to be less church decorating this year than last."

BELLEFONTAINE, OHIO.—Poole & Purkhant report Easter sales as exceeding expectations, except in Harrisii lilies, which sold poorly. This firm made an elaborate display of plants and flowers Thursday and Friday, which was announced in the papers as a special free display, and it brought out a host of visitors.

ANDERSON, IND.—Stuart & Haugh report: "Easter trade this year was about 12 per cent better than that of 1900. Good demand for both plants and cut flowers, of which the supply was about equal to the demand, excepting in the case of Easter lilies, of which there was a shortage. Prices ruled about the same as last year."

BLOOMINGTON, ILL.—A. Washburn & Son report: "Easter trade as compared with last year shows an increase for flowering plants and also for cut flowers. Easter lily and azalea plants were in good demand and in plentiful supply. Cut flowers, plenty, prices about as last year, and with an increased demand for daffodils, tulips and hyacinths."

RALEIGH, N. C.—H. Steinmetz says that Easter trade was about 25 per cent larger than last year, the principal demand being for cut flowers, such as roses, carnations, Harrisii lilies, violets and valley. Pot plants were sold only in limited numbers. It is astonishing how the demand for flowers at Easter has grown during the last five or six years.

ELGIN, ILL.—B. O'Neil reports: "I don't think the demand for plants and cut flowers was any greater this than last Easter, though I have done a large business myself. When the wholesale price of cut flowers more than doubles the week previous to Easter the church people at least will not pay the price. I believe in a reasonable price for plants and flowers at all seasons."

SOUTH BEND, IND.—Aug. F. Beyer reports: "Easter trade was very satisfactory and far ahead of last year. The demand for cut flowers was enormous and that for blooming plants was excellent. Trainor & Rettig did nearly twice as much business as last year. I sold all the cut flowers I had and had a great call for the old calla lily. We are all satisfied in this section."

FALL RIVER, MASS.—C. Warburton reports: "The weather was against a good Easter trade, it raining most of the week, but we sold out pretty clean. Violets sold well and there was plenty of roses and carnations and lots of bulbous stock left. Plants sold fairly well. The Japanese cherry was the only novelty, and sold well. Prices were about the same as last year."

ATLANTA, GA.—John A. Lambert reports Easter trade as extremely brisk, with only a moderate increase in plant sales but a notable increase in demand for cut flowers. Harrisiis were scarce. Carnations in good demand, with supply only fair. Maids and Brides went at $1.50 to $2.00 per dozen. Got better prices this year for bulbous flowers. Made-up baskets, etc., were in good demand at good prices.

NEW ORLEANS.—U. J. Virgin reports: "Cut Easter lilies had the most call for this Easter and prices were good. Next best, Brides; Maids sold out; Golden Gates sold well. Beauties had increased call over last year and stock was fine. Carnations and violets did not sell. Most call in plants was for pot lilies. Fern balls sold well. No call for palms, ferns or spirea. An increase in cash sales, about 25 per cent. Baskets had very little call."

PASSAIC, N. J.—A. van Leeuwen, Jr., reports: "Easter trade this year was fully up to the expectations, plant sales showing a decided gain over cut flowers, and but for the continual performance of Miss Rain, every florist's shop would have been cleaned out. The Messrs. P. Krug and Wm. McAllister had very creditable displays, the latter firm having a large annex up town. No special deviation from last year's business and supply well up to demand."

PORTLAND, ORE.—Clark Bros. report: "The Easter trade in this city was probably about 25 per cent above that of last year. The supply of salable stock was inadequate for the demand. Particularly was this so of carnations, which as usual are the great favorite among cut flower buyers in this part of the country. In plants, Easter lilies were the main article, with scarcely enough to go around. A few Cinerarias, Hydrangeas and Primroses found ready customers. Growing the bulbs at the trade seem to cut flowers."

BUTTE, MONT.—Last Sunday and the Easter business in Butte was about the same as last year in money. There were more pot plants sold, the demand being for Harrisii lilies, tulips and hyacinths. In cut flowers Maids and Brides, Harrisii lilies and carnations were mostly called for. Prices ruled some over last year. There was about half enough cut flowers around here to supply the trade, and plenty of pot plants. The churches were more elaborately decorated with plants than ever before, and not so many cut flowers used."

MINNEAPOLIS, MINN.—E. Nagel says: "Trade was good for Easter. There were more flowers in the stores than ever before. The department store and several fruit stores had a big supply and the florists were well stocked, but most everything was sold. There must have been nearly double the supply of cut flowers in town that there was last year. Most flowers were of good quality. Carnations and roses were most in demand, but in plants the lily is what everyone wants; next is the spirea; other flowering plants go slow. On the whole trade was very satisfactory."

ERIE, PA.—Easter week began very dull, cloudy and cold, with plenty of rain and some snow. Thursday and Friday were busy days, and Saturday there was a rush for potted plants and cut flowers. Carnations and violets were in great demand. Erie florists say that more plants and cut flowers were sold during the few days preceding the close of Lent than in the previous Easters, and also that prices were some better. Carnations sold rapidly at 75 cents per dozen, and some of the more fancy varieties brought as high as $1. Violets at $1.50 to $2. Roses at $1.50 to $2 per dozen.

PAWTUCKET, R. I.—James Hockey reports: "As regards the cities of Pawtucket and Providence prices were about 10 per cent better than last year. Cut flowers were in great demand. Carnations very short in supply; prices 75 cents to $1.50 per dozen. Violets in good demand. Tulips, paper whites and Von Sion in pots sold well. Most growers were late with Harrisii, and these and callas were in equal demand; prices $15 to $25 per 100. On account of the extremely wet weather there was quite a number of pot plants left over; still the boys appear to be happy. A noticeable feature was the free use of paper whites and daffodils in church decorations. The writer cleared out everything he could get the knife on."

BURLINGTON, N. J.—W. R. Bishop says: "Our florists here are well pleased with their Easter trade. John Sholl reports his sales of both plants and cut flowers (mostly carnations) very much ahead of last year, and that by 10 o'clock Saturday evening he had scarcely any plants left. Joseph Smith made a specialty of hydrangeas, and having nice plants in bloom they sold well. He also had a good supply of tulips and hyacinths, and at the end of the week had but few left. J. H. Lukens makes a specialty of lily of the valley and has

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the reputation of growing unusually fine blooms. Lewis R. Hancock makes a specialty of carnations and violets and is well pleased with his sales. He now grows but few roses, finding violets and carnations far more profitable."

Evansville, Ind.—J. H. Wade & Co. report: "Easter trade was about the same as last year as regards prices. Cut flowers were most in demand. Not much call for plants except lilies, which did not pan out as well as last year. In cut flowers carnations were in the lead, with roses a good second. Bulbous stuff was slow sale, except daffodils. Supply of both flowers and plants was equal to demand. Quality fair to good. Good carnations are coming to the front with both feet and hitting the ground hard. Not the ¾ to 1¼-inch blooms, but the 2½ to 3-inch flowers, with good substance. Flimsy stuff won't go, and stem must be strong enough to carry the flower erect. The people will not be satisfied with less. Have had some good Jubilee for red and Flora Hill for white. But Hill does not seem to be a good grower, being rather weak and shaky so far. Perhaps it will do better later."

Wilkesbarre, Pa.—Business, as reported from all florists, wholesale and retail, 25 per cent in advance of last year, and would have shown a greater percentage if the weather had not been so inclement. Roses plentiful and good; carnations scarce and poor, but high in price; lilies sold clean at 25 cents per flower; hydrangeas not in as good demand as other years; azaleas in good demand. Eastern wholesale commission men, anticipating a shortage in carnations, refused to promise any quantity to retail florists, promising hundreds where thousands were asked for, but owing to the heavy storm in cities took advantage of orders on their books and shipped largely to florists, who found themselves on Saturday night and Sunday loaded down with some carnations rather antiquated, but still they were all cleaned up, and by Monday refrigerators were emptied and the Easter of 1901 was satisfactory to both wholesaler and retailer.

THE LAND OF THE OLIVE.

The remainder of Mr. Herrington's essay on "The Land of the Olive," commenced last week, will appear in our next issue.

Madison, N. J.—The Morris County Gardeners' and Florists' Society will hold the sixth annual flower show in the assembly rooms here, Nov. 5 and 6. Full details may be had by addressing C. H. Atkins, secretary, Madison, N. J.

Atchison, Kan.—Mangelsdorf Bros. report Easter trade as the best they ever had. All cut flowers were completely cleaned up and the sale of pot plants was very good especially of lilies.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

SITUATION WANTED—No. 1 all-around florist, with 16 years' experience in all branches, wants situation as foreman; capable of handling men; state terms. Address Grower, care of Florists' Review.

WANTED—A young man for general greenhouse work. Address, stating wages, with board and room, M. I. O'Brien, Sharon, Pa.

WANTED—At once—two men for greenhouse and outside work. Apply to S. Muir, 3330 Michigan Avenue, Chicago.

WANTED—A good man at once for sodding and lawn work. Daniel Branch, 3949 Indiana Ave., Chicago.

WANTED—To Rent by May or June, a small florists' establishment in or near Chicago preferred; hot water heating. Address DeWett, care of Florists' Review.

WANTED—Trade catalogues at Prospect Greenhouses, Pawtucket, R. I.

FOR SALE—Some extra good second hand 3-inch pipe at 6c per foot; also some 4-inch; guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave., Chicago.

WANTED—At once, a reliable, competent man, to take charge of range of houses growing roses (Beauties Brides and Maids), carnations, mums and violets; will pay $12 per week; permanent situation to right man. Schlaraff Floral Co., Erie, Pa.

WANTED—A good all-around man for general greenhouse work; must know his business; $40 a month with board and room. If you can't do a day's work in ten hours don't apply. C. H. Green, Fremont, Neb.

POSITION as Manager or Foreman WANTED

by competent man of over forty years experience in all branches of horticulture, or would run good commercial place on shares; best of references; good wages and steady position desired. Address—

LOUIS SALINGRE,
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FOR SALE—Ten greenhouses, about 22,000 ft. of glass, mostly 16 x 24 glass, heated by hot water. Large brick coal cellars, will hold four cars of coal. The greenhouses are built on a southern slope, and all in good condition, and planted to roses, carnations and bedding stock, all fine order. Also all plants for next year's crops. Two dwellings; one house has six rooms and basement, and other ten rooms and basement, both heated with hot water; separate boilers. Good city water pressure, and a little less than four acres of fine land. Close to cemetery; inside city limits. Fifty miles from Chicago and thirty-five miles from Milwaukee. This place must be seen to be appreciated. Apply to

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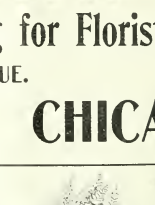

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NEW HARDY CLIMBER

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This plant has been the subject of much comment by the horticulturists of the Old World the past two or three years and all agree that it is one of the finest hardy climbing plants ever introduced. It is of rapid growth, frequently growing from ten to twelve feet high in one season. The stems are twining and cling for support to any object within reach. Every small branch terminates in a panicle of white flowers, which are produced in the greatest profusion from July to September. A plant that is certain to meet with popular favor. Strong plants, 75 cents each.

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CLEMATIS INDIVISA, not hardy but the grandest of all cool greenhouse climbers. See description in our 1901 catalogue. Extra heavy plants, 75 cents each.

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6 inch pot, 5 to 6 leaves, 15 to 18 inches high	$ 9.00
6 " 6 to 8 " 20 to 24 "	12.00

ARECA LUTESCENS.

	Per doz.	Per 100.
2 inch pot, 1 plant in pot, 6 to 8 inches high....Per 1,000, $45.00	$1.00	$ 6.00
4 inch pot, 3 plants in pot, 15 inches high	3.00	25.00
6 inch pot, 3 plants in pot, 20 inches high	9.00	75.00
6 inch pot, 3 plants in pot, 24 inches high	12.00	100.00
	Each.	Per doz.
8 inch pot, 3 plants in pot, 30 inches high	$2.50	$30.00
8 inch pot, 3 plants in pot, 36 inches high	3.00	36.00

KENTIA BELMOREANA.

	Per doz.	Per 100.
2½ inch pot, 3 to 4 leaves, 8 inches high.....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high	3.00	25.00
4 inch pot, 5 to 6 leaves, 15 inches high	4.50	35.00
5 inch pot, 5 to 6 leaves, 20 inches high	9.00	75.00
	Each.	Per doz.
6 inch pot, 6 leaves, 24 inches high	$1.25	$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 28 to 30 inches high	2.00	24.00
8 inch pot, 6 to 7 leaves, 30 to 32 inches high	3.00	36.00
8 inch pot, 7 to 8 leaves, 36 to 40 inches high	4.00	

KENTIA FORSTERIANA.

	Per doz.	Per 100.
2½ inch pot, 4 leaves, 8 inches high .....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 leaves, 12 inches high	2.50	20.00
4 inch pot, 4 to 5 leaves, 15 inches high	4.50	35.00
	Each.	Per doz.
6 inch pot, 5 leaves, 24 to 28 inches high	$1.00	$12.00
6 inch pot, 5 to 6 leaves, 30 inches high	1.25	15.00
6 inch pot, 6 leaves, 28 to 32 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high	2.00	24.00
7 inch pot, 6 leaves, 36 to 42 inches high	2.50	30.00
8 inch pot, 7 leaves, 42 inches high	3.00	36.00
8 inch pot, 7 to 8 leaves, 50 to 54 inches high	4.00	48.00

JOSEPH HEACOCK, - - - Wyncote, Pa.

Mention The Review when you write.

ST. PAUL.

The Easter Trade.

Easter with all its trouble and fun has come and gone. The weather? Well, it could have been worse and it could have been better. The first part of the week was extremely fine, nice and warm for bringing in lilies and other stock, but Friday morning started in with heavy falls of rain mingled with sleet, snow and other cold stuff, and kept it up steadily for twelve hours, many of our storekeeping florists wearing a sorry face in consequence. But Saturday it cleared up nicely and it was an ideal day for delivering. The rush of business was simply grand. Thousands of lilies were sold and soon there was a shortage.

Most all our florists grew longiflorums (as Harrisii are too much diseased), but most of the plants were too short and lots of them produced only two to three flowers.

L. L. May & Co.'s shipping trade was larger than ever. Holm & Olson did a big business, having the best family trade upon the hill. E. F. Lemke had all he could handle. He had the finest of home grown hydrangeas, the trusses measuring 18 to 20 inches across. Haugen & Swanson had several hundred pots of Lady Campbell violets that sold readily at $1.00 per pot.

Carnations were more than scarce and seemed to be off crop all around. Roses were more plenty. Church decorations were more elaborate than ever, and it was evident that money for this purpose was more easily collected than in the past.

I will close by saying in the name of the craft, "All is well."

CHRIS. BUSSJAEGER.

WICHITA, KAN.

Easter trade was very satisfactory, being much better than last year. C. P. Mueller reports 25 per cent increase, C. A. Rose about the same, W. H. Culp & Co. 33 per cent, and all report good business.

Plant trade was good, with fair supply, except in lilies, which, owing to disease and mixed stock, were slow and irregular. Culp & Co. being the only ones who had anything near a supply—about 50 per cent of their stock coming on time.

Cut flowers sold well, good stock bringing prices about 50 per cent advance over ordinary retail prices. Considerable stock was shipped in from Chicago and other markets. This stock was generally satisfactory, although some complaint is made of sleepy carnations and of damaged lilies caused by poor packing. American Beauties sold well and were good.

Churches as a rule were better decorated than usual, about all the available stock of decorative plants being used for this purpose.

Weather was fine, both Saturday and Sunday being springlike days with little or no wind, although Friday started in with enough wet snow to make the ground white and a high wind from the north, which did some damage over the city, although none of the florists were much damaged except by a scare at the prospect of a spoiled Easter trade, which happily did not materialize. W. H. C.

RICHMOND, IND.—Mrs. E. T. Grave is building two rose houses, 30x200.

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Growers of **CUT FLOWERS** at Wholesale.

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For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

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ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered NOW FREE

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. **Fifty** leaves mailed for **Ten** Cents.

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Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
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Geraniums! Coleus!

10 varieties, 2½-inch pots, $3.00 per 100
10 varieties, 3½-inch pots, $4.00 per 100

15 varieties, 2-inch pots, $2.00 per 100

Alternantheras Per 100
Yellow $1.50
Red ... 2.00

Asparagus Per 100
Sprengeri 2.00
Plumosus 3.00
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Vinca Vines, 2-yr. 4.00

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CASH OR C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

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Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootons, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, Brides, Maids, etc.

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 2 and 2½-inch. Extras.
CANNAS in 4-inch.
VINCAS, PELARGONIUMS, etc.
Write us about **BOSTON FERNS.**
COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

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Asparagus.

	Per 100
Plumosus, 3-inch, strong, $10.00; 4-inch....	$15.00
Sprengeri, 2-inch, $4.00; 3-inch, $5.00; 4-inch,	12.00
Primula Chinensis, white and pink, 3-inch,	6.00
" " " 4-inch,	10.00
Rex Begonias	5.00
Ageratum Stella Gurney and Princess Pauline	3.00
Alysum Large Flowering and Tom Thumb.	3.00
Agathea Blue Daisy	3.00
Abutilons Mixed	4.00
Begonias, Rabra	4.00
" Flowering, in variety	2.50
Cannas....per 100, $3.00	Geraniums..... 4.00
Cuphea.... " 3.00	German Ivy..... 4.00
Coleus.... " 3.00	Feverfew, 3-inch.. 5.00
Fuchsias.. " 3.00	Hibiscus, 4-inch. 10.00
Lantanas.. " 4.00	Marguerite Daisy. 4.00
Lobelia... " 3.00	Salvias..... 3.00

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Cedar Rapids, Iowa.

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NEW SINGLE AUREOLE GERANIUM

GOV. YATES.

Best bedding variety of this type. Plants of vigorous habit, with large trusses of blooms on long stems. Color—flaked and veined dark carmine on white ground, edged bright red. A novelty of real merit. Cash with order.

Price **40c** each; 3 for **$1.00;** doz. **$4.00.**

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Your Last Chance on GERANIUMS....

40,000 Rooted Cuttings Ready to Ship.

Our last crop of Geraniums which we will offer in rooted cuttings is now ready. Our stock is all grown in benches the same as roses and carnations, consequently our cuttings are far superior to the stuff chopped out of pot plants most generally sent out. Strong selected top cuttings, well rooted, ready for 2½-inch pots of the following superb varieties:—Bruant, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite. $2.00 per 100; $18.00 per 1000.

PETUNIAS, double fringed, 8 novelties, White Fawn, Snow-Ball, Mrs. F. Sander, Pink Beauty, Fantasia, Helen Gould, San Juan and Bonnie. 29,000 strong rooted cuttings well rooted, that will make saleable plants in a short time, and ready for immediate delivery. $1.00 per 100; $10.00 per 1000, in variety. Any special variety, $1.50 per 100.

CASH WITH ORDER.

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TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties ready for transplanting, 15 cts. per 100; $1 per 1,000. $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bell Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching, small plants ready for transplanting, 15c per 100; 75c per 1000; $5.00 per 10,000. If by mail add 10c per 100.

LETTUCE.—Grand Rapids, Curled Simpson and other varieties 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000.

CASH WITH ORDER.

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PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,
199 Grant Avenue, Jersey City, N. J.

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SAMUEL S. PENNOCK. **Wholesale Florist**

Open from 7:00 A.M. to 9:00 P.M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

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FRANKLIN, PA.

Volume of Easter business was larger than last year, but cannot say how much. With us demand for plants in bloom was mainly for lilies, azaleas and tulips in pans, in the order named, with sales of hyacinths in pots and pans, cinerarias, daffodils in pans, Crimson Rambler roses, ferns and palms in smaller numbers.

In flowers carnations were called for first, last and all the time, and although we had a good supply could have sold more. Roses were asked for and sold in limited quantity. But most buyers choose a cheaper flower. Lilies sold well and the list ended with violets, tulips, hyacinths, daffodils, chrysanthemums, Marguerites and assorted bunches. Prices were about the same as last year, except for violets, which were cheaper.

We have a quantity of plants in bloom left, but our stock was much larger to begin with, and a rainy Saturday interfered with sales. Plants were in fine condition. Longiflorum lilies being stout and firm, requiring no stakes, and furnished to the pots with dark, bright leaves, and free from split flowers and insects. Pans of hyacinths and double tulips were just right, not being too much opened, but we had too many in large pans; a majority of buyers choosing 5 and 6-inch pans at the lower price; and this class of customers is well worth catering to.

W. T. Bell & Sons.

DALLAS, TEXAS.

Well, once again Easter has come and gone, and the Dallas florists draw a long breath. The Texas Seed and Floral Company report an advance of 50 per cent over former years in their sales. All good stock sold well. Their large double store was literally packed with azaleas, palms and Easter lilies, all of which were disposed of before evening. In cut flowers, Bride and Maid roses were plentiful, and sold readily at $3 per dozen. Beauties, a good supply, all sold out at $6 to $12 for fancy. Bulbous stuff was scarce and in little demand. Carnations sold well and led the "van" in cut flowers. Violets scarce and demand good, especially for single. No call for valley. Many more Easter lilies could have been sold. Everything was cleaned up before 9 p. m., both in cut flowers and plants.

The special decorations of the Texas Seed and Floral Company in their store this season were very highly commented upon and speak well for the energy of this enterprising firm, and, by the way, this firm will have something to show in new carnations another season if some of their promising seedlings hold up to the present standard. F. W. B.

Lancaster, Pa.—Abram D. Rohrer, the florist, died April 4 of inflammation of the brain, aged 62 years. He was one of the pioneers in the trade in this city.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

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NOVELTIES OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1899 varieties. This year's leader is our new dwarf **"Little Pink."** No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. **"Clyde"** is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's **New Carnations**, also standard sorts.

Send for our descriptive price list, which also tells you something of the **best Garden Wheel Hoe on earth.** **W. E. HALL, CLYDE, O.**

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa.

Burpee's Seeds Grow

ROSES.

Strong plants, well established in 2½-in. pots, **$2.50** per 100; **$20.00** per 1000; 25 at 100 rate; 250 at 1000 rate.

GOLDEN GATE steadily grows in favor.
BURBANK (Improved Hermosa).
MOSELLA (Yellow Soupert).

Etoile De Lyon, White M. Niel, Gen. Lee, Mrs. Degraw, Climbing Meteor, Maman Cochet, Sylph, Mme. Berthod, Media, Cath. Guillot, Marie Van Houtte, H. M. Stanley, Ct's Lily Kingsky, Jeanne Chabaud, Helen Cambier, F. Kruger, Bridesmaid, Muriel Graham.

Strong 2-year-old plants in assortment, **75c** per doz.: **$6.00** per 100.

GERANIUMS, 2½-in. **$2.50** per 100; **$20.00** per 1000.

S. A. Nutt, La Favorite, J. Doyle, F. Perkins, Triumph de Nancy, Le Pilot, Frances E. Willard, Double New Life, Gen. Grant, Jas. Y. Murkland.

BOSTON FERNS, 2½-in. pots, 5 to 7 fronds, will grow into value quickly, **$3.00** per 100; **$25.00** per 1000. 4-inch shapely plants, **$1.00** per dozen; **$8.00** per 100.

Asparagus Tenuissimus, 2½-in., **$3.00** per 100. Canna Austria, started plants, **$3.00** per 100.

THE JOHN A. DOYLE CO., Springfield, Ohio.

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ROSES from 5-in. pots, at 8c; fine clean plants. Clothilde Soupert, La France, Gen. Jacqueminot, Souvenir de la Malmaison, Perles des Alpes, Malmaison, etc. Large flowered **Clematis**, finest purple, white and lavender sorts, extra strong, 3-year, 30c; fine 2-year, dormant or from 5-in. pots, 18c; fine 1 year at very moderate prices. **Clematis Paniculata**, strong dormant plants, 8c; from 5-in. pots, 10c. **Peonies**, strong roots, best red sorts, 5c. Also several thousand Houghton and Smith Imp. **Gooseberry**, 1 year, branched and rooted layers, fine for mail trade, at $3.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

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Grafted Roses.

LIBERTY,

$18.00 per hundred.

MAIDS, BRIDES, GOLDEN GATES,

$12.00 per hundred.

$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

J. L. DILLON, - BLOOMSBURG, PA.

New Roses

THE BALTIMORE (Certificated), color a light pink and of the largest size, flowers throughout the entire season. **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street, BALTIMORE, MD.

Nephrolepis Wittboldii.

Plant of Nephrolepis Wittboldii.

If you haven't yet obtained a stock of this grand new commercial fern you will make a mistake if you do not do so at once. A dozen plants now will be the best investment you ever made.

All who have bought it recognize it as possessing those qualities that will make it a money maker from the start.

Remember we are not sending out weak, puny plants, but Strong, Vigorous Stock that will immediately produce runners if planted out in the bench.

We are offering fine plants, ready for 3 and 4-in. pots, at

$1.00 each, $10.00 per doz., $75.00 per 100.

See our offers of **PALMS, FERNS, ASPARAGUS, CYCAS and IVIES** in Classified Advs. in this issue of the Review.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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Pandanus Veitchii.

6-inch pots, 18 inches above pot, **$1.00** each.
7-inch pots, 20 inches above pot, **1.50** "

JOHN WELSH YOUNG,
Germantown, Philadelphia, Pa.
Upsal Station, Penna. R. R.

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PANSIES AND VERBENAS.

Pansies—Large transplanted plants of Bugnots, Cassiers and Odier, 50c per 100, $3.00 per 1000. Extra large plants, coming in bud, $1.00 per 100. Mammoth Verbenas, large plants, red, white, blue and pink separate or mixed, 60c per 100, $4.00 per 1000; 2-inch, $1.25 per 100.

Geraniums—Nutt, Grant, Red Bruant and La Favorite, 4-inch, in bud, bloom or without, $6.00 per 100. Heliotrope, rooted, mixed, $1.00 per 100. Ageratum Blue Beauty, rooted, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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Pot-Grown Tomatoes

Lorrillard and Beauty, 3-in., in bloom, $2.00 per 100. Lorillard D. Champion, Sutton's, Mayflower and Beauty in flats, 15c per 100; $1.25 per 1000.

SMILAX from flats, 3c per 100; $2.50 per 1000.
ASPARAGUS from flats, $2.00 per 100.
Kenilworth and German Ivy, 60c per 100.

Mrs. GRISWOLD, Worthington, Ohio.

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Grafted Roses.

Liberty $18.00 per 100.

Maids, Brides, Golden Gate, $12.00 per 100; **$110.00** per 1000.

Strong plants, grafted on Manetti Stock, ready for 4-inch pots, warranted to be first class.

Meteors and Brides, own root, **$3.00** per 100; **$25.00** per 1000.

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271 Broadway, NEW YORK,
Special Agent for
BAILEY'S "CYCLOPEDIA."
Three Volumes Now Ready.

Pay **$2 00** monthly if you prefer. Express prepaid. Send order and three volumes will be forwarded immediately.

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GERANIUMS.

10,000 4-inch. 5,000 3-inch.
5,000 2½-inch.

RED, WHITE, PINK and SALMON. Write—

GEO. A. KUHL, PEKIN, ILL.

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Look Here!!

Fine Strong **PTERIS TREMULA,** out of 2-inch pots, **$2.50** per 100.

ASPARAGUS SPRENGERI, 2-inch pots, **$2.00** per 100.

These plants are ready to shift Address—

MRS. ELIZABETH KUNTZ,
352 South 1st St., FRANKFORT, IND.

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Ficus and Palm Plants

Ficus, 6-in. pot plants, 2½ and 3 ft., 18 leaves, $2.00 per doz. Latanias, 5-in. pots, 1 plant to pot, $3.00 per doz. Latanias, 8 in. pots, 1 plant to pot, $18.00 per doz. Latanias, 8 in. pots, 3 and 4 plants to pot, 2½ to 3 feet height and diameter, 12 to 14 leaves, $24.00 per dozen. Kentia, 6-in. pots, 1 plant to pot, 3½ ft. in height, $1800. per doz. Areca, 6-in. pots, 2 and 3 plants to pot, 4½ ft. in height, $4.00 per plant.

J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 11 varieties, $1.00 per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write **S. D. BRANT, Clay Center, Kans.**

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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BULBS and PLANTS.

DAHLIAS, mixed, $3.00 per 100. CANNAS, mixed, 80c per 100.
GLADIOLUS, mixed, 80c per 100.
STRONG CARNATIONS, 2½-inch, $2.50 per 100.
BOUVARDIAS . . . $3.00 per 100.

LEVANT COLE, -- BATTLE CREEK, MICH.

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THE FLORISTS' MANUAL.
A Reference Book for Commercial Florists

MONTREAL.

Easter, 1901, will be remembered by the trade here for a long time, by the growers on account of the cold, dark weather which preceded it, and thus upset calculations and caused several crops to be late, and by the retailers on account of the very bad condition of the streets, thus making the work of delivering plants a very difficult one.

However, in spite of drawbacks, so far as can be learned, business was very satisfactory all around. Almost everything in the way of good plants was easily disposed of and at good prices. The same may be said of cut flowers. In plants, lilies were in pretty good supply, but the quality, with one or two exceptions, was not good. There is lots of disease around here this year. Spireas were plentiful and good, also tulips, hyacinths, daffs, etc., lilacs, rhododendrons, azaleas, snowballs, genistas, etc., were in limited supply, but there is not a big demand for them here.

One of the best selling things was a fine lot of Ramblers that one grower had in good shape in 5 and 6-inch pots. These were plants rooted about a year ago, planted out like carnations, dug up in the fall and potted about New Year's.

There was very little made up work in baskets this year. Montreal has not got educated to that yet, but I suppose it is the florists' own fault for not offering tastefully made up baskets, etc., of plants. Palms or ferns were not in demand and deutzias were not liked. In cut flowers, violets had a great call and soon ran out of supply. Beauties also sold well, as did all colored roses. Red roses were very scarce. The supply of carnations was short, but to the surprise of some there were some white and light pink left unsold at the end of the day. Some of the local stock of Lawson, Marquis and Morning Glory (what a poor name) was extra good, and sold for good prices. Mignonette was in good supply, also all bulbous stuff, such as daffs, Narcissus princeps, Golden Spur, poeticus, etc. Valley fair.

Everything considered, trade must have have been pretty good, as some say it was better than last year and others say about the same. Had the weather been more favorable there would have been a large quantity of good plants available, which now will probably have to be sold at a loss, unless business should be unusually good, which we will hope for. SLEEPY.

OTTAWA, ONT.

Easter sales in the city altogether must have been 50 per cent more than last year. The older florists report an increase, and Wright, who opened a store last year, had an extra store for plants and did a big business in both, especially in lilies. Graham Bros. were strong in lilies also. They had a big stock of azaleas, which were mostly all sold.

Scrim had two stores and sold out most every plant of any value. Heath, which he has made a specialty of for the last couple of years, again hung fire. He will not grow much of it in pot-next year. It is too rich for Ottawa blood. The most popular plants were azaleas, lilies, roses and spirea. Bulb stock was overdone. Half the growers in the city had their windows full of hyacinths, daffs and tulips. C. SCRIM.

Special Trade List for the month of APRIL.

	Per 100
Asparagus Cornocensis. This is a novelty of great merit. It looks similar to Asparagus Plumosus, but grows much more vigorous, and will make very long strings in a shorter time. 2-inch pots	$4.00
Asparagus Plumosus. 2-inch pots	4.00
Alyssum Double Giant, 2½-inch pots	3.00
Ageratum Princess Victoria (blue), new, 2½-inch pots	3.00
Princess Pauline, 3-inch pots	3.00
dwarf, dark blue, 3-inch pots	3.00
Clematis, large-flowering varieties, 2 years old	per doz., $4.00
Clematis Paniculata, 2 years old, 4-inch pots	10.00
1 year old, 3-inch pots	5.00
Carnation Ethel Crocker, strong plants, 2½-inch pots	3.00
Lizzie McGowan and Wm. Scott, 2½-inch pots	2.00
Geraniums, best bedding varieties, strong plants, 3-inch pots	4.00
America, the best single light pink, 3-inch pots	8.00
Mars and Le Pilot, 3-inch pots	5.00
Lobelia Pumila Splendens, new, dark blue, white eye, 2½-inch pots	4.00
Emperor William, 2½-inch pots	3.00
Forget-me-not, Alpestris blue, white and pink clumps	3.00
Periwinkle, variegated, 2½-inch pots	3.00
Passiflora Cœrulea, 3-inch pots	5.00
Salvias Splendens and Clara Bedman, 2½-inch pots	3.00

CHRYSANTHEMUM Rooted Cuttings from soil, $1.00 per 100. **White**—Ivory, Bergmann, Merry Monarch, Mrs. H. Robinson, Lady Fitzwygram, **Yellow**—Bonnaffon, Mrs. Jones, Lincoln, Mrs. Whillhin, Modesto. **Pink**—Glory of the Pacific, Mrs. Perrin, Pink Ivory, Marquis de Montmort.

C. EISELE, 11th and Jefferson Sts., Philadelphia.

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Trees, Vines, Shrubs, Hedging.

2,000	*Beech.* European and Purple Leaved.
3,000	*Elms.* American and European.
500	*Japan* Gingko.
2,000	*Lindens.* American and European.
1,000	*Magnolias.* In variety.
50,000	*Maples.* Norway, Sugar, etc.
10,000	*Oaks.* Pin, Red, Scarlet and English.
10,000	*Oriental Plane.* 6 to 12 feet.
75,000	*California Privet.* 1 & 2 yrs.
1,000,000	*Shrubs.* All varieties & sizes.
10,000	*Clematis Paniculata.*
10,000	*Rosa Wichuraiana* & Hybrids.
5,000	*Rosa Multiflora Japaniers.*
10,000	*Honeysuckles.* Halls', etc.
5,000	*Dahlias.* Whole roots.
100,000	*Asparagus.* Very strong; 5 varieties.
2,500	*Rhododendrons,* *Azaleas* and *Kalmias.*
500,000	*Evergreens.*

Of all sizes, including Hemlocks, Norways, Colorado Blue, Oriental and Weeping Spruces, Arbor-Vitaes, Retinosporas, Pines in variety.
Root pruned and sheared specimens.

Trade list: also new illustrated retail catalogue free.

THE WM. H. MOON CO., MORRISVILLE, PA.

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CYCAS REVOLUTA STEMS.

The True Long Leaved Sort. Our SPECIALTY for sixteen years, during which we have supplied the American and European market. Stems from smallest inch, to 25-lb. stems. 100 lbs., $10.00; 500 lbs., $40.00.

CLEARING OUT Tuberous Begonias, single, separate color or mixed, $2.00 per 100; double, $4.00 per 100. **Gloxinias,** brilliant colors, $2.50 per 100; $20.00 per 1000. **Caladium Esculentum,**—5-inch picked bulbs, $4.00 per 100. **Gladioli,** true sort—**MAY,** $2.00 per 100; $17.00 per 1000. **American Hybrids,** grandest bloom, $1.00 per 100; $8.50 per 1000.

Fresh Kentia Seed ..... per 100, 60c; 1000, $4.00
Cocos Weddelliana Seed ..... " 50c; " 4.00
Asparagus Pl. Nanus ..... " 80c; " 7.00
Asparagus Sprengeri ..... " 50c; " 2.50

MAPLES from JAPAN. Multigrafted, a bouquet of foliage of most brilliant tints. Each 50c; dozen, $5.00.

H. H. BERGER & CO.,
Est 1878. **47 Barclay St., NEW YORK.**
Mention THE REVIEW when you write.

Geraniums, Single and Double Grant, S. A. Nutt, E. G. Hill, A. Ricard, from 2½-in., $2.50; from 3-in., $3.50 per 100; mixed at 50c less. Stock plants of above with Poitevine and La Favorite, from 4 and 5-in. pots, fine plants, $5.00 and $10.00 per 100. Will now book orders for 2½ and 4-in. pots at $1.00 and $5.00 per 100. **Petunias,** single Giants of California. **Verbenas,** best Mammoth, in separate colors. **Lobelia,** dwarf and trailing, 2½-in., $2.00 per 100. Rooted Cuttings. **Coleus** Verschaffeltii, 75c per 100. Golden Bedder. **Ageratum** dwarf blue. **Alyssum** dwarf, 50c per 100. Cash please.

J. AMBACHER, LONG BEACH, N. J.
Mention THE REVIEW when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata Gaillardia Grandiflora, Gypsophilia Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyrus Latifolius, **$5.00** per 100. **Primula Veris and Aquilegia Chrysantha,** 2½-in., **$2.00** per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, in fine sorts; rooted cuttings, $1.25 per 100, postpaid; 2½-in., $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 804 Jackson St., Holland, Mich.**

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST HAIL

FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.
Mention The Review when you write.

Special Bargains

AFTER EASTER CLEARANCE SALES

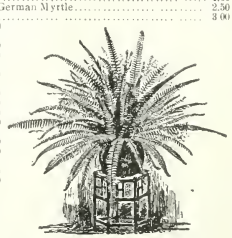
Better get your stock now for Baskets and Vases and for bedding out, before it is all sold. Don't put it off until you can't get it.

We offer good stock of the following articles, all from 2½-inch pots, except where noted.

	Per 100
Alyssum Sweet	$1.50
Ageratums, 4 sorts	1.50
Asparagus Sprengeri	2.50
Acalypha Sanderi	3.00
Acalypha Marginata	2.50
Acalypha Triumphans	2.50
Acalypha Tricolor	2.50
Abutilons, 6 colors	2.00
Begonias, flowering varieties, 10 sorts	2.50
Bougainvillea Sanderiana, fine plants, per 1000, $45.00	5.00
Calla Alba Maculata, the spotted calla; large bulbs, 2 to 3 inches in diameter that will bring 4 to 6 blooms	4.00
Caladium Esculentum, strong bulbs	2.50
Carex Japonica, fine for vases	2.50
Cannas, 6 leading varieties, fine plants, well established in pots	3.50
Clerodendron Balfouri	2.00
Coleus, in best bedding varieties, per 1000, $18.00	2.00
Cyclamen Persicum Giganteum	2.50
Calla Lilies, blooming bulbs	3.00
Dracaena Terminalis, 3-inch pots, $1.00 per doz.	
Dracaena Indivisa, fine plants, per 1000, $25.00	3.00
Ferns, Nephrolepis Exaltata	2.00
Ferns, Nephrolepis Bostoniensis. The Boston Fern, per 1000, $22.50	2.50
Ferns, Nephrolepis Cordata Compacta	2.00
Fuchsias double varieties	3.00
Fuchsias, single varieties	2.50
Geraniums, leading varieties of double and single, per 1000, $25.00	3.00
Honeysuckles, 3 sorts	2.00
Heliotropes, 6 sorts	1.50
Hibiscus, 10 sorts, extra fine plants, 3 in. pots	4.00
Hoya Carnosa, wax plant, 3-inch pots, per doz., $1.00.	
Hydrangea Paniculata Grandiflora, 3 to 5 canes, about 3 feet in height	12.00
Ivy, English	2.50
Jasmine, Maid of Orleans	3.00
Jasmine, Grand Duke	3.50
Lemon Ponderosa, the Giant Lemon, fruit weighs 2 to 4 lbs., a great pot plant	6.00
Lantanas, Weeping, fine for baskets and vases	2.00
Lily Candidum, fine bulbs	4.00
Myrtus Communis, sweet German Myrtle	2.50
Orange Otahelte	3.00

	Per 100
Orange Otahelte, 3-in. pots	$1.00
Primula Obconica	1.50
Primrose, Chinese, white and pink	2.50
Phrynium Variegatum, elegant foliage	2.50
Sanseveria Zevlanica	2.00
Swainsona, white and pink	2.50
Stephanotis Floribunda	3.00
Spirea Anthony Waterer, the new red Spirea	2.00
Smilax, 2-inch pots, per 1000, $12.00	1.50
Tuberoses, fine bulbs, per 1000, $5.00.	
Verbenas, assorted colors	1.25
Verbenas, named sorts	2.00
Vinca Variegata, white and green foliage, fine for baskets and vases, we have 20 000 plants to offer, per 1000, $17.50; $2.00 per 100.	

	Per 100
Plumbago Sanguinea, pink flowers	$3.00
Palms, Coryphia Australis	3.00
Palms, Areca Lutescens, 2 plants in a pot, 4-inch pots, $2.00 per doz.	
Palms, Areca Lutescens, 3 plants in a pot, 3-inch pots, 75c per doz.	
Palms, Latania Borbonica, 3-inch pots, 60c per doz.	
Palms, Latania Borbonica, 6-inch pots, 4 to 5 leaves, $6.00 per doz.	
Palms, Phoenix Canariensis, 3-inch pots, 60c per doz.	2.50
Russellias, 3 sorts	2.00



Roses! Roses! Roses!

We can supply the choicest varieties of Teas and Hybrid Teas, 2½-inch pots, at $3.00 per 100. Polyanthas and Climbers, from 2½-inch pots, at $2.00 per 100. The above from 4-inch pots at $8.00 per 100. We can supply the following Hybrid Perpetuals, from 2½-inch pots, at $3.00 per 100—Mme. Masson, Gen. Jack, Mme Chas. Wood and Paul Neyron. These varieties, from 4-inch pots, at $10.00 per 100. We have strong Crimson Rambler, from 2½-inch pots, at $2.50 per 100 and $22.50 per 1000. Psyche, the new Rambler, identical with Crimson Rambler, except that the flowers are bright pink. The only companion of Crimson Rambler, 2½-inch pots, $4.00 per 100.

Our new April Wholesale Catalogue is just issued and will be mailed to all applicants. Write for it today.

THE GOOD & REESE CO.

The Largest Rose Growers in the World. **SPRINGFIELD, OHIO.**

CLOSING OUT TO MAKE ROOM.

10,000 KENTIA BELMOREANA

HEALTHY STOCK, in fine condition, Home Grown, 15 to 20 inches high, averaging 4 leaves. $15.00 per 100, $125.00 per 1000.

ORDERS FILLED SUBJECT TO BEING UNSOLD.

SIEBRECHT & SON, - - - NEW ROCHELLE, N. Y.

Mention The Review when you write.

OSWEGO, N. Y.

Less call for cut flowers at Easter, carnations having the preference, violets next, roses hereabouts having a black eye for their keeping qualities, chiefly on account of not enough being grown here to meet the demand and that demand being filled with goods that have often been cut from two to seven days.

Quite a shortage of Easter lilies, although about a thousand were grown among the florists here there was but about fifty salable; they would not respond in growth to the best of treatment and were extremely irregular in their health and appearance.

Bulbous product had to fill the bill and seemed to satisfy. Good cinerarias sold well, but anything out of the ordinary, such as genistas, calceolarias, begonias, Rambler roses, stocks, pelargoniums, etc., would only be admired and not bought. Some writers are continually harping that florists do not grow variety enough; let those same writers try the variety business and see if it will pay their coal bill.

Only a limited demand for azaleas, many buyers heaving a sigh of relief when they found they could not buy a two dollar lily for an Easter present to a dear friend and gladly bought a twenty-five cent hyacinth and had the delighted florist deliver it about two miles away at exactly eight minutes past four p. m., and the 'phone at your elbow to tell you that it was not there yet and they did not want it now, and I believe wishing in their hearts they had sent a pound of ten-cent candy instead.

The easter lily with its lost vitality is responsible for a great shortage in florists' receipts on one of the days that he should be reimbursed for cost, coal and constant care.

W. D. Stewart.

INDIANAPOLIS, IND.

Mr. A. F. J. Baur, of the firm of Baur & Smith, was married April 9 at Richmond, Ind., the bride being Miss Elma Marie Steinkamp, of that city.

The happy couple will be "at home" after May 1, at 3730 North Capital avenue, this city.

St. Louis.—The Plant Seed Co. will add 13x70 feet to the north side of their present warehouse, three stories high, and put in an elevator.

CARNATIONS.

WELL ROOTED STOCK FROM SAND.

Ethel Crocker

Light Pink, good commercial variety. $2 50 per 100; $20.00 per 1000.

GEO. R. GEIGER, Nazareth, Pa.

Mention THE REVIEW when you write.

Rooted Cuttings and Rose Plants.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine	$7.00	$60.00	Crocker	$2.50	$20.00	Frances Joost	$1.00	$9.00
Guardian Angel	4.00	35.00	Perry	2.50	20.00	Cerise Queen	1.00	9.00
Sunbeam	10.00	75.00	Crane	5.00	25.00	Gov. Griggs	1.00	9.00
Bon Homme Richard	10.00	75.00	America	1.25	10.00	Melba	1.00	9.00
Nydia	10.00	75.00	Mrs. Bradt	2.00	15.00	Armazindy	1.00	9.00
Prolifica	10.00	75.00	Triumph	1.00	9.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	55.00	Argyle	1.00	9.00	McGowan	1.00	7.50
Marquis	3.00	25.00	Evanston	1.00	9.00	Evelina	1.00	7.50
Genevieve Lord	3.00	25.00						

ROOTED ROSE CUTTINGS.

	100	1000		100	1000		100	1000
Bridesmaid	$1.50	$12.50	Golden Gate	$1.50	$12.50	Perle	$1.50	$12.50
Bride	1.50	12.50	Meteor	1.50	12.50			

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty	$8.00	$75.00	Bride	$3.00	$25.00	Golden Gate	$3.00	$25.00
Bridesmaid	3.00	25.00	Meteor	3.00	25.00	Kaiserin	3.00	25.00
			Perle	$3.00 per 100; $25.00 per 1000.				

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Mention The Review when you write.

Rooted Carnation Cuttings...

This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

		100	1000			100	1000
Sport, Pink	Armazindy	$5.00	$40.00	Armazindy, Portia		$1.00	$7.50
Triumph, Flora Hill		1.50	12.50	McGowan		1.00	7.50
White Cloud, Evanston		1.50	12.50	Kohinoor		1.00	7.50

Meteor Rose Plants, 2-inch, $20.00 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

NEW PINK CARNATION

GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready. Price, $6.00 per 100; $50.00 per 1000

GUARDIAN ANGEL ORPHAN ASYLUM,

401 Devon Avenue, Station Y, CHICAGO, ILL.

Mention The Review when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready. Standard Varieties and Noveities.

ROSES from 3 inch pots, Brides and Maids, $2.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

STRONG, HEALTHY, ROOTED CARNATION CUTTINGS.

FROM SAND OR SOIL.

Wm. Scott, pink, 75c per 100; $6.00 per 1000.
Helen Keller, 90c per 100.
Snow Drift, white, $1.50 per 100

Cash with order please.

JOHN R. SHREINER, Florist, Lancaster, Pa.

Mention The Review when you write.

NEW CARNATIONS for 1901.

	Per 100	Per 1000
Lorna, white	$10.00	$75.00
Mermaid, salmon pink, a good summer blooming carnation	6.00	50.00
Roosevelt (Ward), crimson	12.00	100.00
Novelty (Ward), lemon yellow edged pink	12.00	
Golden Beauty (Ward), lemon yellow	12.00	
Prosperity (Dailledouze), white overlaid pink	16.00	130.00
Irene, Dorothy, Norway & Egypt	10.00	75.00

We are booking orders now for delivery as soon as ready.

The 1900 Novelties—Morning Glory and Ethel Crocker, $4.00 per 100; $30.00 per 1000. Lawson, $7.00 per 100; $60.00 per 1000. G. Lord, $5.00 per 100; $50.00 per 1000, and Marquis, Olympia and Peru, $3.00 per 100; $10.00 per 1000.

Also G. H. Crane, White Cloud, Bradt and the other good standard sorts.

We make a specialty of Rooted Cuttings.

F. DORNER & SONS CO.

LA FAYETTE, IND.

Mention The Review when you write.

CARNATIONS.

THREE GOOD PINKS.

Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

White Cloud, Maceo, $1.25 per 100.

Mrs. Bradt, G. H. Crane, $2 per 100.

HARDY PHLOX

Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at **$5.00** per 100 and rooted cuttings at **$1.25** per 100 or **$10.00** per 1000. I have some ten thousand of these growing now and ready for sale.

ALBERT M. HERR, - LANCASTER, PA.

Mention The Review when you write.

On Top—As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

Mention The Review when you write.

SELECTED CARNATIONS.

	Per 100	Per 1000
The Marquis, largest rich pink	$4.00	$35.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, snow white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LAST CALL! LAST CALL!

FOR GOOD CARNATION CUTTINGS.

	Per 100	Per 1000
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00

	Per 100	Per 1000		Per 100	Per 1000
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00	Olympia, variegated	5.00	40.00
Marquis, pink	4.00	35.00	Gen. Gomez, crimson	2.00	15.00
Genevieve Lord, pink	3.50	30.00	Gen. Maceo, crimson	2.00	15.00
Ethel Crocker, pink	3.50	30.00	White Cloud, white	2.00	15.00
G. H. Crane, scarlet	3.00	25.00	Mrs. Frances Joost	2.00	15.00
Mrs. Geo. M. Bradt, var	3.00	25.00	Argyle, pink	1.50	12.00
Gold Nugget, yellow	2.50	20.00	Wm. Scott, pink	1.00	8.00
Chicago, scarlet	3.00	25.00	Evelina, white	1.00	8.00
			Armazindy, var	1.00	8.00

CHICAGO CARNATION CO.....Joliet, Ill.

Mention THE REVIEW when you write.

WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

Norway

The Queen of Commercial White Carnations. Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment.

Egypt

A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10.00 per 100; $75.00 per 1000.

Genevieve Lord

The Greatest Money-Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100; **$50.00** per 1000.

All of the new ones of this year, the best of the last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; $5.00 per doz.; $30.00 per 100.

Complete List of Other Novelties and Standard Varieties. Catalogue ready; write for it.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Trailing abutilon, variegated, fine, 2½-in., $3.50 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilons, 6 colors, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Abutilon, trailing, 2-in., $3.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ACALYPHA.

Acalypha Sanderi, 2½-in., $5.00 per 100; Acalyphas marginata, triumphans and tricolor, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

The Florists' Manual by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratums. Per 100: Princess Victoria Louise, new, 2½-in., $3.00; Princess Pauline, 3-in., $3.00; dwarf, dark blue, 3-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 288, Nashua, N. H.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum, blue, rooted cuttings, 75c per 100; 2-in. pots, $1.25 per 100. Cash, please. Logan Ave. Greenhouses, Danville, Ill.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratums, 3 best var., 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Ageratum Princess Pauline, 2¼-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

Ageratum, 2½-in., 4 sorts, $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Princess Pauline, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

ALTERNANTHERA.

Alternantheras. Red, strong, bushy plants, well colored, 3 to 4-in. in dia., $5.00 per 1,000. Strong rooted cuttings ready for open ground, red and yellow, $3.00 per 1,000; 2,000 for $5.00. Dickerson & Belden, Box 275, Miami, Fla.

Alternantheras, aurea nana and paronychioides major, rooted cuttings, 60c per 100; $5.00 per 1,000, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

20,000 alternantheras, red and pink, strong 2¼-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Sweet Alyssum, Double Dwarf Little Gem in 2½ in. pots, $2.25 per 100; $20.00 per 1,000. First class stock. Cash with order, please. William H. Kidd, Norwood, Mass.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Alyssum. Double Giant, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum. Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Dbl. sweet alyssum, rooted cuttings, 50c per 100. Krueger Bros., Toledo, Ohio.

Sweet alyssum, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

AMPELOPSIS.

	100	1,000
Ampelopsis Veitchii, 2 to 2½ ft.	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2 ft.	4.00	30.00
Ampelopsis Veitchii, 1 to 1½ ft.	2.50	20.00

For fruit, shade, ornamental trees, evergreens, shrubs, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. Phone 22.

ANTIRRHINUM.

Antirrhinums, imported, 2½-in., 50c per doz.; $3.00 per 100. Cash.
George M. Brinkerhoff, Springfield, Ill.

ARAUCARIAS.

Araucarias, large plants with 4 and 5 tiers, $1.00 each; $10.00 per doz. J. W. Howard, 330 Broadway, Somerville, Mass.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus cormorensis, a novelty of great merit, 2-in., $4.00 per 100. A. plumosus, 2-in., $4.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus plumosus nanus seed, new crop now ready, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus, per 100: Sprengeri, $2.00; plumosus, $3.00; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100.
Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $5.00 per 100.
Morris Floral Co., Morris, Ill.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

Asparagus tenuissimus, 2½-in., $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

Asparagus Sprengeri, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

500 big 4-in. Sprengeri, $6.00 per 100. Cash. Roney Bros., West Grove, Pa.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100
Greene & Underhill, Watertown, N. Y.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

ASTERS.

Asters, white branching, 35c per 100; $2.50 per 1,000. W. D. Chase & Son, New London, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BANANAS.

Bananas planted now at the north grow 8 or 10 feet high by winter, when they can be dug, placed in cellar until spring. Then reset and they begin at once to grow, and produce an indescribably beautiful bloom, which lasts 4 to 6 weeks, and is sometimes followed by regular bunch of bananas. They are the most tropical in appearance and yet the most easily and quickly grown of all plants. Good tubers with full directions, 20c, 3 for 50c, postpaid. South Florida Nursery Co., Dade City, Fla.

BEDDING PLANTS.

Nice Strong Plants.—Geraniums, double and single, 6 best named varieties, largely of the Bruant type, 2½-in., $2.50 per 100; Mme. Salleroi, 2-in., fall struck, bushy, 2½ cts.; Mrs. Parker, double silver-leaved, 50 cts. per doz.; Italia Unita, silver tricolor, strong grower, 40 cts. per doz.; Mrs. Pollock, tricolor, 40 cts. per doz.

Variegated Vinca, 2, 2½ and 3 in., 2 cts., 3 cts. and 5 cts.

Flowering Begonias, 10 varieties, 2½ in., $2.50 per 100.

Alternanthera, strong, Fall struck from boxes, red and yellow, $1.00 per 100.

Double alyssum, 2 in., $2.00 per 100.

Trailing Lobelia, from boxes, transplanted, 75 cts. per 100. Cash with order, please. Cottage Rose Garden, Columbus, O.

Bedding plants cheap for cash. Potted plants cheaper than rooted cuttings. Salvias Splendens and Bonfire, Lobelia Crystal Palace compacta, German Ivy, Heliotrope, Othonna crassifolia (vase plant) from 2x3-in. pots at $1.00 per 100. Carnations: Flora Hill, $1.00 per 100; $8.00 per 1,000. McGowan, $1.00 per 100; $6.50 per 1,000. Dbl. fringed petunias, $2.00 per 100. Roses: Bride and Bridesmaid, 2½-in., $2.00 per 100; $18.00 per 1,000. Verbenas, fine mixture of colors, 2x3-in. pots, $1.50 per 100. Dbl. dwarf feverfew Gem, $1.50 per 100. E. Fryer, Batavia, Ill.

Geraniums, 16 varieties, including Poitevine, S. A. Nutt, dbl. and single Grant, La France, etc., 4-in., $5.00 per 100; same in 3-in., $3.00 per 100. Ivy geraniums, double, white, red and pink, 5-in., 60c per doz. Carnations, 2½-in. pots or from flats, Scott, McGowan, $1.00 per 100, $9.00 per 1,000; Flora Hill, $1.50 per 100, $12.00 per 1,000. Alternanthera plants, red and yellow, $1.50 per 100, $12.00 per 1,000. Hardy ivy, 2-yr., 4-in., $8.00 per 100. Vincas, 5-in., 2 var. green and white in bloom, $1.50 per doz., $8.00 per 100. Cash with order. Alex Schultz, Phillipsburg, N. J.

Begonias, etc., in shape to retail, $2.00 and $2.50 per 100. Send for list. E. G. Bunyar, Independence, Mo.

Centaurea gymnocarpa, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Gymnocarpa grown cold, 2-in., $1.50 per 100. Mrs. A. L. Myers, Bluffton, Ind.

BEGONIAS.

Begonias Erfordii and Sandersoni, 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Begonias, flowering varieties, 10 sorts, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, fine, 2½-in., $5.00 per 100; $45.00 per 1,000. Good & Reese Co., Springfield, Ohio.

BOUVARDIA.

Bouvardias, $3.00 per 100. Levant Cole, Battle Creek, Mich.

If you read these advs. others would read yours.

BULBS.

CLOSING OUT SALE—28,000 extra fine tuberose bulbs for spring planting. Per 1,000: 4½ to 6 in. in cir. $2.50; 4 to 6 in. in cir., $2.00; 3 to 4½ in. in cir. $1.00. F. O. B. here. Order quick before sold. L. W. Boney, Wallace, N. C.

I am now prepared to quote prices on all summer, fall and winter bulbs, tuberous roots and plants. Send in your lists, prices will be cheerfully submitted. F. W. O. Schmitz, Jersey City, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Tuberous begonias, [illegible] mixed, $2.00 per 100, [illegible] Gloxinias, brilliant colors [illegible] per 1,000. Caladium esculentum [illegible] picked bulbs, $4.00 per 100. Gladioli, [illegible] May, 100, $2.00, 1,000, $17.00. Amaryllis hybrids, grandest bloom, 100, $1.00, 1,000 [illegible] H. H. Berger & Co., 47 Barclay St., New York.

Calla lilies, blooming bulbs, [illegible] per 100. Lily candidum fine bulbs, $4.00 per 100. Tuberoses, fine bulbs, $5.00 per 1,000. [illegible] alba maculata (spotted calla), large bulbs, 2 to [illegible] inches in dia., will bring [illegible] blooms, $4.00 per 100. Caladium esculentum, strong bulbs, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Caladium esculentum, 5 to 7 size, 100....$2.50
Caladium esculentum, 7 to 9 size, 100 .. 4.00
Caladium esculentum, 9 to 11 size, 100.... 7.00
Tuberoses, first size, Pearl......$5.00 per 1,000
Tuberoses, second size, Pearl.... 3.50 per 1,000
Don't fail to get our 12-page catalog; just issued. PLANT SEED CO., St. Louis, Mo.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Tuberoses, Double Pearl, largest size, 80c per 100; $5.00 per 1,000. J. M. Thorburn & Co., [illegible] Cortlandt St., New York.

Caladium esc., 1st size, 9-12, $4.00 per 100; 2nd size, 7 to 9, $2.00 per 100. B. H. Ritter, Port Royal, S. C.

CANNAS.

Chas. Henderson, Queen Charlotte, Paul Bruant, Egandale, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Sophia Buchner, Austria, Burbank, Oriole, Am. Flag, dormant roots, $2.50 per 100. Cash.
G. W. Weatherby, Chillicothe, Mo.

The new canna Golden Age, a beautiful, rich-golden, fine-petaled canna without spots or stripes; nothing like it in existence. Strong roots, 2 and 3 eyes, 20c each; $2.00 per doz. Express prepaid. G. P. Moore, Ocean City N. J.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1,000. Austria, strong plants from pots, $2.00 per 100. Paul Marquant, strong plants from pots, $2.50 per 100. Fairview Floral Co., Beatty, Ohio.

Cannas. Chas. Henderson, A. Bouvier, L. E. Bally, F. Vaughan, Burbank, Egandale, Mme. Crozy, Queen Charlotte, in variety, $2.50 per 100. A. J. Baldwin, Newark, Ohio.

Allemania, Burbank, Austria and Partenope, strong roots, $3.00 per 100, or will exchange for carnations, roses, mums, etc. Ernst Nitsche, Dallas, Tex.

700 Austria, 400 Italia, 200 Chas. Henderson, 200 Burbank, 100 Pres. McKinley; dry bulbs, 2 to 3 eyes, $2.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas, 6 leading varieties, fine plants well established in pots, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Canna Roots—Austria and Chas. Henderson, $1.50 per 100. Cash with order. J. B. Baker, Aberdeen, Md.

Canna Austria, started plants, $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, fine for vases, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. This stock is strictly first-class in every respect, free from disease and will be thoroughly rooted when sent out. We guarantee them to be as represented. Money refunded if not satisfactory.

	100.	1,000.
Sport, pink Armazindy	$5.00	$40.00
Triumph	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evanston	1.50	12.50
Armazindy	1.00	7.50
Portia	1.00	7.50
McGowan	1.00	7.50
Kohinoor	1.00	7.50

J. A. BUDLONG, 37-39 Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	3.00	25.00
Genevieve Lord	3.00	25.00
Crocker	2.50	20.00
Peru	2.50	20.00
Crane	3.00	25.00
America	1.25	10.00
Mrs. Bradt	2.00	17.50
Triumph	1.00	9.00
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
Melba	1.00	9.00
Armazindy	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00
McGowan	1.00	7.50
Evelina	1.00	7.50

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Last call for good carnation cuttings.

	100.	1,000.
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00
Mrs. Thos. W. Lawson, cerise pink	6.00	50.00
Marquis, pink	4.00	35.00
Genevieve Lord, pink	3.50	30.00
Ethel Crocker, pink	3.50	30.00
G. H. Crane, scarlet	3.00	25.00
Mrs. Geo. M. Bradt, var.	3.00	25.00
Gold Nugget, yellow	2.50	20.00
Chicago, scarlet	3.00	25.00
Olympia, variegated	5.00	40.00
Gen. Gomez, crimson	2.00	15.00
Gen. Maceo, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Argyle, pink	1.50	12.00
Wm. Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, var.	1.00	8.00

CHICAGO CARNATION CO., Joliet, Ill.

NEW CARNATIONS FOR 1901: Lorna, Irene, Dorothy, Norway and Egypt, $10.00 per 100; $75.00 per 1000. Mermaid, $6.00 per 100; $50.00 per 1000. Roosevelt, $12.00 per 100; $100.00 per 1000. Novelty and Golden Beauty, $12.00 per 100. Prosperity, $16.00 per 100; $130.00 per 1000.

THE 1900 NOVELTIES: Morning Glory and Crocker, $4.00 per 100; $30.00 per 1000; Lawson, $7.00 per 100; $60.00 per 1000; G. Lord, $6.00 per 100; $50.00 per 1000; Marquis, Olympia and Peru, $5.00 per 100, $40.00 per 1000.

We make a specialty of rooted cuttings.
F. DORNER & SONS CO., LaFayette, Ind.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock shipped by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, Estelle, $6.00 per 100; $50.00 per 1,000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1,000. Crocker, Crane, America, Nugget, L. Paul, $2.50 per 100; $23.00 per 1,000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO.,
Nixon H. Gano, Mgr., Martinsville, Ind.

Prosperity, the largest fancy carnation. All orders filled in strict rotation. Rooted cuttings: 1 plant 50c, 12 plants $5.00, 25 plants $8.25, 50 plants $10.00, 100 plants $16.00, 250 plants $37.50, 500 plants $70.00, 750 plants $101.25, 1,000 plants $130.00. Write for full description. Dailledouze Bros., Flatbush, N. Y.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings, $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

Three good pinks. Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100. White Cloud, Maceo, $1.25 per 100. Mrs. Bradt, G. H. Crane, $2.00 per 100. Albert M. Herr, Lancaster, Pa.

Healthy rooted cuttings from sand or soil. Wm. Scott, 75c per 100; $6.00 per 1,000. Helen Keller, 90c per 100. Snowdrift, $1.50 per 100. Cash. John R. Shreiner, Lancaster, Pa.

Ethel Crocker, strong plants, 2½-in., $3.00 per 100. Lizzie McGowan and Scott, 2½-in., $2.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100, $75.00 per 1000. Crabb & Hunter, Grand Rapids, Mich.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

All this year's new carnations; also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Peru carnation rooted cuttings at $2.50 per 100. Cash with order. Logan Ave. Greenhouses, Danville, Ill.

Ethel Crocker, well-rooted stock from sand, $2.50 per 100; $20.00 per 1,000. Geo. R. Geiger, Nazareth, Pa.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Daybreak carnation cuttings, $8.00 per 1,000. Fred G. Lewis, 534 Locust St., Lockport, N. Y.

Strong carnations, 2½-in., $2.50 per 100. Levant Cole, Battle Creek, Mich.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Chrysanthemums. Glory Pacific, Modesto, Blackhawk; good strong 2½-in., $2.50 per 100. Harry White, New Holland, Ind.

CHRYSANTHEMUMS Continued.

Chrysanthemums. White—[illegible], Bergmann, Merry Monarch, Mrs. H. Robinson, Lady Fitzwygram. Yellow—Bonnaffon, Mrs. Jones, Lincoln, Mrs. Whilldin, Modesto. Pink—Glory Pacific, Mrs. Perrin, Pink Ivory, Marquis de Montmort. Rooted cuttings from soil, $1.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Strong rooted cuttings. Bonnaffon, Pitcher, Maud Dean, Bassett, Niveus, Murdock, Queen, Wanamaker and others, $1.00 per 100; 500 for $4.00. Established plants, double above prices. Cash please. R. Kilbourn, Clinton, N. Y.

Chrysanthemums. Fine plants from 2½-inch pots, in approved best 50 varieties, for pots and cut flowers. List free on application. My selection, $25.00 per 1,000. Theo. Bock, Hamilton, Ohio.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners; $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Yellow Queen, Mrs. H. Robinson, W. H. Chadwick, Golden Wedding, rooted cuttings, $2.00 per 100; 2-in., $3.00 per 100. F. R. Hills, Maywood, Ill.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Last call for chrysanthemum rooted cuttings or plants from pots. See February issues this paper or address Gunnar Teilmann, Marion, Ind.

CLEMATIS.

Strong 2-year-old plants of Boskoop Seedling, Duchess of Edinburgh, Gypsy Queen, Henryi, Jackmanni, Van Houtte, etc., $3.00 per doz.; $25.00 per 100. Crispa and coccinea, $1.00 per doz.; $7.00 per 100. Paniculata and flamula, $1.00 per doz.; $8.00 per 100. Indivisa (not hardy), extra heavy plants, 75c each. Jackman's new hybrid clematises, Countess of Onslow, Duchess of Albany, Duchess of York and Grace Darling, pot grown plants, 75c each. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 5-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 5-in., 10c. W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, 2-yrs., $4.00 per doz. C. paniculata, 2-yrs., 4-in. pots, $10.00 per 100; 1-yr., 3-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Clematis, dormant, 10 best large flowering kinds, strong 2-yr., $2.00 per doz.; $15.00 per 100. Strong 2-yr., in 4 and 6-in. pots, same price. F. A. Bailer, Bloomington, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1,000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Golden Bedder, 2-in., $1.50 per 100; $14.00 per 1,000; rooted cuttings, 60c per 100. Mixed coleus, fine assortment, 65c per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

Coleus, good assortment; cut back; branched and containing some cuttings, 2½-in., $2.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Verschaffeltii, Golden Bedder, Yellow Queen or mixed. Rooted cuttings or 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, in best bedding varieties, $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Coleus, Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

30,000 coleus, 10 named varieties, 2¼-in., $1.60 per 100. Morris Floral Co., Morris, Ill.

Coleus, 15 varieties, 2-in., $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

CYCAS.

Cycas revoluta stems. The true long leaved sort. Our specialty for 16 years, during which we have supplied the American and European market. Sizes from ½ to 25 lb. stems, 100 lbs., $10.00, 500 lbs., $40.00. H. H. Berger & Co., 47 Barclay St., New York.

Cycas revoluta, dormant stems, in sizes from 4 to 50 lbs., each at 10c per lb. in lots up to 100 lbs.; 9c per lb. in lots up to 200 lbs.; 8c per lb. in lots up to 500 lbs.; 7c per lb. in lots up to 1,000 lbs. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas stems. Just received an importation of the true long-leaved variety. Per 100 lbs., $9.00. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cycas revoluta, dormant, $10.00 per 100 lbs. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen grand, spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1,000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

Cyclamen persicum giganteum, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

Dahlias, field-grown dry roots; separate colors or named. Doz., $1.25; 100, $9.00. Mixed sorts, doz., $1.00; 100, $7.50. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cactus and other Dahlias for catalogue collections. Wholesale list on application. Lothrop & Higgins, East Bridgewater, Mass.

Dahlias, strong field-grown roots, $6.00 per 100; $50.00 per 1,000. Send for list of varieties. Vick & Hill Co., Rochester, N. Y.

Dahlias, mixed, $3.00 per 100. Levant Cole, Battle Creek, Mich.

DAISIES.

Marguerites, white and yellow, 2½-in., $2.00 per 100. E. G. Bunyar, Independence, Mo.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

Dracaena terminalis, 3-in. pots, $1.00 per doz. Dracaena indivisa, fine plants, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	2-inch	.50	4.00
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.00	15.00
Nephrolepis Bostoniensis	2-inch	.50	4.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica, albo-lin	2-inch	.50	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100,000 ferns in flats at one cent. Good, hardy plants in flats, twelve best market sorts. If potted now in small pots worth five times the money in a week or two. Safe arrival guaranteed, and liberal count. $10.00 per 1,000 by express. Sample 100 mailed for $1.25. Pteris Cretica Alba, P. Tremula, P. Sulcata, P. Hastata, P. Adiantoides, P. Longifolia, Adiantum, Lomaria, Lygodium, Nephrodium, Cristatum, Blechnum, Selaginellas, etc., etc. Post orders Washington. John H. Ley, Good Hope, D. C.

Adiantum Farleyense. Handsomely furnished plants, 6-inch pots, $18.00 per doz. Also for growing on strong stuff: 4-inch pots, $40.00 per 100; 3-inch pots, $20.00 per 100; 2½-inch pots, $12.50 per 100. J. A. Peterson, 405 Race St., Cincinnati, Ohio.

Nephrolepis exalta, 2½-in., $2.00 per 100; N. Bostoniensis (the Boston fern), 2½-in., $2.50 per 100; $22.50 per 1,000; N. cordata compacta, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Boston, Sword and Dwarf Sword ferns (true), fine plants from 2½-in. pots, $2.25 per 100. Satisfaction guaranteed. Fairview Floral Co., Beatty, Ohio.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns, 2½-in. pots, 5 to 7 fronds, $3.00 per 100; $25.00 per 1,000. 4-in., $1.00 per doz.; $8.00 per 100. John A. Doyle Co., Springfield, Ohio.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz. A. J. Baldwin, Newark, Ohio.

Fern Pteris Wimsetti, the best of all the pteris. Heavy plants from 3-in. pots, $6.00 per 100. Vick & Hill Co., Rochester, N. Y.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

Strong Pteris tremula, out of 2-in. pots, $2.50 per 100. Mrs. E. Kuntz, Frankfort, Ind.

N. exalta Bostoniensis, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Ferns, 4 var. for pans, 2¼-in., $3.50 per 100. S. S. Peckham, New Bedford, Mass.

Boston ferns, strong 2½-in. pots, 3c. Joy & Son Co., Nashville, Tenn.

Boston fern, true, 3½-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

FORGET-ME-NOTS.

Forget-Me-Not Alpestris, blue, white and pink clumps, $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

FRUIT PLANTS.

For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

240 old and new varieties of strawberries, raspberries, currants, grapes, etc. Write for list to C. C. Nash, Three Rivers, Mich.

Josselyn, or red jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Bailer, Bloomington, Ill.

FUCHSIAS.

Fuchsias, double and single, extra nice, 3-in., $4.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Fuchsias, double and single, mixed, fine, 2½-in., $2.00; rooted cuttings, $1.00 per 100. Cash. W. G. Haebich, Auburn, Ind.

Fuchsias, double varieties, 2½-in., $3.00 per 100; singles, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Fuchsias, 10 finest var., 2½-in., 50c per doz.; $3.00 per 100. Cash. George M. Brinkerhoff, Springfield, Ill.

GARDENIAS.

Jasmines, 2½-in.: Maid of Orleans, $3.00 per 100; Grand Duke, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

GERANIUMS.

Single and Double Grant, S. A. Nutt, E. G. Hill, A. Ricard, 2½-in., $2.50; 3-in., $3.50; mixed, 50c less. Stock plants of the above with Poitevine and La Favorite, from 4 and 6-in. pots, fine plants, $8.00 and $10.00 per 100. Will now book orders for 3½-in. pots at $4.00 and $5.00 per 100. Jas. Ambacher, Long Branch, N. J.

Dbl. Gen. Grant, 2½-in., $2.50 per 100; mixed varieties, labeled, White Swan, S. A. Nutt, E. G. Hill, J. J. Harrison, Gloire de France, nice stocky plants, 3-in., $4.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

"Little Pink" and "Clyde" are the two leading novelties in geraniums. Little Pink is the only dwarf ever awarded a certificate by the S. A. F. Send for descriptive list. W. E. Hall, Clyde, Ohio.

Geraniums, mixed varieties; pink, white and scarlet, double Bed of Gold, La France, Wonderful and other varieties, all good bedders. Jas. Dunn, Orr's Mills, Orange Co., N. Y.

Geraniums. Per 100: Best bedding var., strong plants, 3-in., $4.00; America, 3-in., $8.00; Mars and Le Pilot, 3-in., $5.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

New single aureole geranium Gov. Yates. Best bedding variety of this type; a novelty of real merit, 40c each; 3 for $1.00; doz., $4.00. W. Bierstadt & Son, Springfield, Ill.

Geraniums. Per 100: Double New Life, 2½-in., $3.00; rooted cuttings of same, $1.50; good mixed varieties, 2½-in., $2.50. O. F. Searles, L. B. 288, Nashua, N. H.

Geraniums. Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Shrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

S. A. Nutt, Murkland and Double Grant, 2½-in., $2.50 per 100; rooted cuttings, $1.25 per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Geraniums. A few thousand strong, rooted cuttings, best kinds only, $1.50 per 100 by mail; $12.00 per 1,000 by express. S. W. Pike, St. Charles, Ill.

P. Bruant, Gettysburg, Crystal, Mme. Bruant and other good bedders, 2-in., ready for 4-in., $2.50 per 100.
A. J. Baldwin, Newark, Ohio.

Geraniums. Per 100. DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00.
Morris Floral Co., Morris, Ill.

Nutt, Grant, La Favorite and Red Bruant in bud, bloom or without, 4-in., $6.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Geraniums, leading var. of dbl. and single, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums, all the best varieties, 2½-in., $2.50 per 100; $20.00 per 1,000. John A. Doyle Co., Springfield, Ohio.

Geraniums, 10 varieties, 2½-in., $3.00; 3½-in., $4 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, a good assortment, 2½-in., $2.00 per 100. Cash. Geo. W. Weatherby, Chillicothe, Mo.

Ivy geraniums, 6 var., 2½-in., 50c per doz.; $3.00 per 100. Cash.
Geo. M. Brinkerhoff, Springfield, Ill.

Geranium Mme. Sallerol. Strong plants from 2½-in. pots, $3.00 per 100; $25.00 per 1,000.
Vick & Hill Co., Rochester, N. Y.

Geraniums, good selection, 2-in., $2.00 per 100.
E. I. Rawlings, Quakertown, Pa.

Geraniums. Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Groff's Gladiolus Hybrids. I have arranged with Mr. Groff for the sale of his products in the United States and invite orders from the most critical. Catalogue and particulars on application. Arthur Cowee, Meadowvale Farm, Berlin, N. Y.

50,000 gladioli, standard florists, mixed, white, light, yellow, red, 1 to 2½-in., $5.00 per 1,000; ½ to 1½-in., $3.50 per 1,000, all blooming size. Write for a bargain on the entire lot. C. E. Franke, 108 W. Washington St., Bloomington, Ill.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

Finest mixed gladioli for florists, all colors; also choice imported named gladioli in great variety. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Gladioli, mixed, 80c per 100. Levant Cole, Battle Creek, Mich.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

Strong rooted cuttings of the following varieties: Abbottsford, Essex Witch, Glen Valley, Juliette, Old Fashioned and White Witch. Price, $1.00 per 100, postpaid. Speak quick if you want them. L. Templin & Sons, Calla, O.

Hardy pinks from sand, $1.00; large clumps, $5.00 per 100. Morris Floral Co., Morris, Ill.

HARDY PLANTS.

New hardy climber Polygonum Baldschuanicum. This plant has been the subject of much comment by the horticulturists of the Old World for the past two or three years and all agree that it is one of the finest hardy climbing plants ever introduced. Flowers profusely from July to September. Strong plants, 75c each. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Perennial phlox, field-grown, good clumps, good var., $4.00 per 100. Will have a few thousand rudbeckia Golden Glow from open ground at $5.00 per 1,000. C. G. Nanz, Owensboro, Ky.

SPECIAL SURPLUS OFFER of Hardy Plants. Blackberry lily, Salvia lyrata, Coreopsis lanceolata, Coreopsis auriculata, Hemerocallis vulva, Nepeta Glechoma, Viola cucullata, Dracocephalum virginicum, 1c each. Rudbeckia Golden Glow, 1½c each. Rudbeckia lleinata, Rudbeckia nitida, Lysimachia punctata, Lysimachia ciliaris, Achillea The Pearl, Achillea millefolium roseum, Achillea tomentosa, Cassia marylandica, Funcia lancifolia, Helianthus orgyalis, Helenium autumnale supurbum, Helenium gr. striatum, Hemerocallis Dumortieri, Aster Nova Angliae, Boltonia latosquamoc, Alyssum saxtile, 2c. Coreopsis grandiflora, Boltonia asteroides, Lysimachia clethroides, Kosteletzkia virginica, Euphorbia corollata, 3c. Penstemon, Sedum spectabile digitalis, 4c. No order received for less than $1.00, or for less than 25 of a kind at these rates. Terms cash.
W. F. Bassett & Son, Hammonton, N. J.

I have 25,000 shade trees of Sugar, Norway, Silver-leaved, Ash-leaved and Scarlet Maples, 1 to 3-in. diameter. Elms and Lindens, 12 to 16 feet; 1,000 White Birch, 8 to 10 feet; 2,000 Purple-leaved Beech, 4 to 9 feet; 2,000 Hydrangeas, XX strong; 10,000 Evergreens, all sizes and kinds; 2,000 Retinospora Aurea and Colorado Blue Spruce, 3 to 5 feet; 3,000 Clematis Pan. gran. and other large-flowering sorts, XX strong; 20,000 California Privet, 2 to 5 feet; 10,000 Hardy Roses; 3,000 Crimson and Yellow Ramblers, all X strong, on own roots. Fruit trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large; 200 Golden Oaks, 8 to 10 feet. Florists, landscape architects, superintendents of parks and others wanting stock should call on me or write. Stephen Crane, Prop. Norwich Nurseries, Norwich, Conn.

Silver Maples, 2 to 2½-in., XX..............25c
Hydrangea P. G., 2½ to 3 feet, X........... 8c
Azalea Mollis, 18 inches, X...................25c
Deutzia Crenata Fl. Pl., 2 to 3 ft............ 3c
Austrian Pine, 3 to 4 feet.....................15c
F. & F. Nurseries, Springfield, N. J., wholesale growers trees and plants in full assortment. Trade catalogue free.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small
At prices to suit all; catalogue free.
Chas. B. Hornor & Son.
Mt. Holly, Burl Co., N. J.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list.
W. W. Wilmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Rudbeckia Golden Glow, Perfectly double; long stems of great substance; nothing better for cut flowers. Strong clumps from open ground that will bloom this summer, $1.00 per doz.; $5.00 per 100. G. P. Moore, Ocean City, N. J.

Iris pumila (dwarf iris), hardy border plants, covered with purple flowers in early spring, $2.00 per 100. Vinca minor, best hardy evergreen plant for shade, $1.50 per 100. Cash, please. C. M. Hemala, Box 51, Buckley, Ill.

Evergreens at a bargain. Euonymus japonicus, green and variegated from 2½-in. pots at $4.00 per 100 as long as they last. Plants are fine. Address F. J. Ulbricht, L. B. 113, Anniston, Ala.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
Edw. Gillett, Southwick, Mass.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

2,060 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Multigrafted maples from Japan. A bouquet of foliage of most brilliant tints. Each, 50c; doz., $5.00. H. H. Berger & Co., 47 Barclay St., New York.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Imp. Gooseberry, 1-year, $5.00 per 1000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

See display adv. for list of hardy herbaceous plants at $5.00 per 100. Chas. S. Dutton, 85 W 12th St., Holland, Mich.

About 1,000 catalpa trees from 5 to 12 ft. at half price to close out the business. W. S. Kraly, Mt. Joy, Pa.

Rudbeckia Golden Glow, 500 good plants, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

2,000 good crowns of Golden Glow, $2.00 per 100. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

HELIOTROPE.

Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotropes, 6 sorts, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Heliotrope, mixed, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Heliotrope, rooted cuttings, $1.25 a 100.
Greene & Underhill, Watertown, N. Y.

HIBISCUS.

Hibiscus, 10 sorts, extra fine, 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangea paniculata grand., 3 to 5 canes, about 3 feet in height, $12.00 per 100. Good & Reese Co., Springfield, Ohio.

IVIES

English ivies, 5-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

German ivy, 2½-in., 50c per doz.; $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

English ivy, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

German ivy, 2½-in., 2½c. Cash.
G. W. Weatherby, Chillicothe, Mo.

LANTANAS.

Weeping lantanas, fine for baskets and vases, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Lantanas, good assortment, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Weeping lantana, 2½-in., $1.50 per 100. A. B. Campbell, Cochranville, Pa.

LOBELIA.

Lobelias. Per 100. Pumila splendens, new, dark blue, white eye, 2½-in., $4.00; Emperor William, 2½-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lobelia, dwarf and trailing, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moonvine. Seedlings from the sand, very fine, $1.50 per 100. A. A. Harper, 1724 East 6th Ave., Pine Bluff, Ark.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn.
J. J. Styer, Concordville, Pa.

ORANGES.

Otaheite Oranges. Per 100: 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100.
The McGregor Bros. Co., Springfield, Ohio.

Otaheite, 2½-in., $3.00; 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeonies for cut flowers and lawn decoration. Red, pink and white, $10.00 per 100, $75.00 per 1,000; mixed singles, fine assortment, $5.00 per 100; $40.00 per 1,000. Chicago Paeony Farms, Jas. Hartshorne, Mgr., Joliet, Ill.

Paeony chinensis in mixture, 2 and 3-year-old roots, per doz., $1.00; per 100, $5.00; per 1000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Fine double varieties, $6.00 per 100; $50.00 per 1,000. J. F. Rosenfield, West Point, Neb.

Paeonies, best florists' sorts, all colors, $12.00 per 100. F. A. Baller, Bloomington, Ill.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	....	$ 1.60	$ 12.00
3	10 to 12	4 to 5	....	2.00	16.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
4	14 to 16	6 to 7	.40	4.00	30.00
5	16 to 20	6 to 6	.75	7.20	60.00
5	18 to 24	6 to 7	1.00	12.00	90.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
5	22 to 26	5 to 6	1.00	12.00	90.00
6	28 to 30	5 to 6	1.25	15.00	125.00
6	30 to 34	6 to 7	1.60	18.00	150.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼		3	....	$0.60	$ 6.00
3	12	5 to 6	....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00
6	24 to 30		.75	9.00	

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot		$1.00	$ 8.00
3½	12 to 14	3 plants in pot		2.00	15.00
4	18 to 20	3 plants	$0.25	3.00	25.00

PHOENIX RECLINATA.

Pot.	Leaves.	Doz.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz; $10 per 100; 10-inch pots, 40 to 45 inches high, 6 to 8 leaves, $3.50 each.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 1.00	$ 8.00
Utilis	3	2.00	15.00
Veitchii	6 extra fine	18.00	

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

PEPEROMIAS.

Argyraea, 4-inch, $2.00 per doz.
Peltata, 4-inch, $2.00 per doz.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs. $24.00.

KENTIAS. Per dozen: 6-in. pots, 1 plant to pot, 3½ ft. in h't, $18.00.

ARECAS. 8-in. pots, 2 to 3 plants to pot, 4½ ft. in h't, $4.00 per plant.

FICUS. Per dozen: 6-in. pots, plants 2½ to 3 ft., 18 lvs., $9.00.

J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

Corypha australis, 2½-in., $3.00 per 100. Areca lutescens, 3 plants in pot, 4-in. pots, $2.00 per doz.; 3 plants in pot, 3-in. pot, 75c per doz. Latania borbonica, 3-in., 60c per doz.; 6-in., 4 to 5 leaves, $6.00 per doz. Phoenix canariensis, 3-in., 60c per doz.; $2.50 per 100. Good & Reese Co., Springfield, Ohio.

PALMS for decorating and for growing on. For list of varieties, sizes and prices see display adv. in this issue. Jos. Heacock, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	16 to 18	3 to 5	.13	1.20	10.00	95.00
6	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10; $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all order accompanied by cash.

W. J. HESSER, PLATTSMOUTH, NEB.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentia Belmoreana, fine, healthy stock. 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Latanias, strong stock, 2½-in. pots, 3c; 4-in. pots, 10c; 5-in. pots, 25c.
Joy & Sons Co., Nashville, Tenn.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

Fine, stocky, hardy, field-grown plants from seed-bed of the famous Diamond strain, the best strain of the German type; large size, perfect form, thick velvety petals and great variety of rich and odd colors and markings. All colors, mixed, 1,000, $4.00; 500, $2.00. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000.

SEEDLINGS, not transplanted, $3.00 per 1,000. H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. Extra large plants coming in bud, $1.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

From Roemer's best giant premium pansy seed. Healthy plants from cold-frames, 50c per 100; $4.00 per 1,000. Express prepaid for cash. Des Moines Plant Co., Des Moines, Iowa.

Pansy plants, $1.50 per 100; small seedlings, 50c per 100; $3.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Choice pansy plants, 75c per 100 by mail; $4.00 per 1,000 by express. Harry White, New Holland, Ind.

Pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

PELARGONIUMS.

Pelargoniums, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

PETUNIAS.

Dreer's finest double petunias, 2½-in., 60c per doz., $3.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, extra fine, 10 var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias. Single giants of California, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Petunias, choice double, mixed, 4-in., $5.00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Double petunias, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

PRIMROSES.

Baby primroses, fine 2-in., $1.25 per 100, or will exchange for any stock I can use. New Springfield Floral Co., R. D. No. 3, Springfield, Ohio.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Primroses, 2½-in., per 100: Obconica, $1.50; Chinese, white and pink, $2.50. Good & Reese Co., Springfield, Ohio.

Baby Primroses, nice, thrifty and stocky plants, 2 in., $2.00 per 100. H. L. Ragan, Box 166, Springfield, Ohio.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

PRIVET.

CALIFORNIA PRIVET.	Per 1,000
One year	$12.00
Two years, light	22.00
Two years, heavy	40.00

Three years, 4 to 6 feet, for screens, $5.00 per 100 Privet cuttings, $1.25 per 1,000. Cash with order.

Atlantic Coast Nurseries, office, 606 4th Ave., Asbury Park, N. J.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1,000. 3,500 California privet, 18 in. high, strong, $1.50 per 100 $10.00 per 1,000. 100 Euonymus, 18 in. high, bushy, green, $5.00 per 100. Arundo donax variegata, strong roots, $8.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

ROOTED CUTTINGS.

ROOTED CUTTINGS NOW READY.

Coleus, leading varieties, 75c per 100.

Ageratum, Topaz Blue and Snowball. White, $1.00 per 100. Stock plants of these from 3-in. pots, at $3.00 per 100.

Lemon Verbena, stock plants, 1 year old, at $1.50 per doz. Young plants from thumb pots, $2.00 per 100; rooted cuttings, $1.00 per 100.

Giant Double Sweet Alyssum, rooted cuttings, $1.00 per 100.

Vinca Variegata, 3 ft. long, bushy, $12.00 per 100.

English Ivies, strong and bushy, 3 feet high, at $20.00 per 100.

Dracaena Indivisa, 2 years old, good stock, $5.00 per dozen.

100 shrubs of Deutzia Gracilis, 3 ft. diameter, 3 ft. high, fine for a park or large private place, at $6.00 per dozen.
John Reck, Bridgeport, Conn.

Coleus, 20 varieties, 50c per 100. Salvia, Bonfire, 60c per 100. Ageratum, Princess Pauline, 50c per 100. Coleus, 2-in. pots, $1.25 per 100. Salvias, 2-in. pots, $1.50 per 100. Cash with order. Crescent Greenhouses, Randolph Bros., Proprietors, Delavan, Ill.

Coleus Verschaffeltii, 75c per 100; Golden Bedder, 50c per 100; Ageratum dwarf blue, alyssum dwarf, 50c per 100. Cash. Jas. Ambacher, Long Branch, N. J.

ROSES.

Roses. Strong plants in 2½-in. pots, $2.50 per 100; $20.00 per 1,000; 25 at 100 rate; 250 at 1,000 rate.

Golden Gate,	Media,
Burbank,	C. Guillot,
Mosella,	Marie Van Houtte,
Etoile de Lyon,	H. M. Stanley,
White M. Neil,	Lily Kingsky,
Gen. Lee,	Jeanne Chabaud,
Mrs. Degraw,	Helen Gambler,
Climbing Meteor,	F. Krueger,
Maman Cochet,	Bridesmaid,
Sylph,	Muriel Graham.
Mme. Berthod,	

Strong 2-year-old plants of above, in assortment, 75c per doz.; $6.00 per 100. John A. Doyle Co., Springfield, Ohio.

We can supply the choicest varieties of Teas and Hybrid Teas, 2½-inch pots, at $2.00 per 100. Polyanthas and Climbers, from 2½-inch pots, at $2.00 per 100; 4-inch pots at $8.00 per 100. The following Hybrid Perpetuals, from 2½-inch pots, at $3.00 per 100—Mme. Masson, Gen. Jack, Mme. Chas. Wood and Paul Neyron; from 4-inch pots, at $10.00 per 100. Strong Crimson Rambler, from 2¼-inch pots, at $2.50 per 100 and $22.50 per 1,000. Psyche, the new Rambler, identical with Crimson Rambler, except that the flowers are bright pink, 2½-inch pots, $4.00 per 100. Our new April wholesale catalogue is just issued and will be mailed to all applicants. Write for it today. Good & Reese Co., Springfield, Ohio.

ROOTED ROSE CUTTINGS. Bridesmaid, Bride, Meteor and Perle, $1.50 per 100; $12.50 per 1,000. Golden Gate, $1.50 per 100; $12.50 per 1,000.

ROSE PLANTS from 2½-in. pots. Liberty, $8.00 per 100, $75.00 per 1,000; Golden Gate, $3.00 per 100, $25.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., CHICAGO.

American Beauties, $6.00 per 100. Kaiserin, $4.00 per 100. The above taken from stock receiving first premium at Philadelphia exhibition. Bridesmaid, $3.00 per 100; selected, all first class, from 2-in. standard pots, ready for shipment. T. E. Bartram, Lansdowne, Pa.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa.

ROSES—Continued.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class. S. J. Reuter, Westerly, R. I.

Bargains in roses. Al stock. Pink La France, White La France, M. N. Niel, 2.0 Soupert, Kaiserin, Robt. Garrett, Bride, Bridesmaid, Etoile de Lyon, $2.50 per 100; $20.00 per 1,000. Cash with order please. Joseph Laihr & Sons, Springfield, Ohio.

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $2.00 per doz. Cash with order. John Cook, Sec. Charles St., Baltimore, Md.

10,000 roses, dormant and H. Pa., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Baller, Bloomington, Ill.

Grafted roses, ready for 4-in. Per 100: Liberty, $18.00; Maids, Brides and Golden Gate, $12.00; Meteors and Brides, own roots, $5.00 per 100, $25.00 per 1,000. Chris. Hansen, St. Paul, Minn.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

American Beauties—Strong plants from 2x3-in. pots, ready for a shift, $6.00 per 100, $50.00 per 1000; they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

Roses, 5-in., 8c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list of prices. Bobbink & Atkins, Rutherford, N. J.

Perles and Wootton, in 2 and 2½-inch, extra fine stock. Extra fine Beauties in 3 and 4-in. Write Geo. A. Kuhl, Pekin, Ill.

Bride and Bridesmaids, rooted cuttings, $1.50 per 100; 2-in., $3.00 per 100; 3-in., $5.00 per 100. F. R. Hills, Maywood, Ill.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Meteor rose plants, 2-in., $20.00 per 1,000 J. A. Budlong, 37 Randolph St., Chicago.

Manetti stocks for fall delivery. Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 50c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

Russelias, 3 sorts, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Holtz's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $6.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias Clara Bedman and splendens, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Salvia Clara Bedman, 2½-in., $2.00 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Salvias St. Louis and splendens, 2½-in., $2.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Salvia, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia Silverspot, fine plants, 2-in., $3.00 per 100. Mrs. A. L. Myers, Bluffton, Ind.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

SEEDS.

New Aster Daybreak, a splendid novelty; fine for cutting; same color as Daybreak carnation. Trade pkt., 25c; ¼-oz., 50c; oz., $1.50. Semple's lavender aster, 50c per oz; Mignon aster, mixed, ¼-oz., 25c; oz., 75c. Ellis Bros., Keene, N. H.

Fresh Kentia seed, 100, 60c; 1,000, $4.00. Cocos Weddeliana, 100, 75c; 1,000, $6.00. Asparagus plumosus nanus, 100, 85c; 1,000, $7.00. A. Sprengerl, 100, 25c; 1,000, $2.50. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

SMILAX.

Smilax, ready May 15, $1.25 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., $1.50 per 100; $12.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

SPIRÆA

Spiræa Anthony Waterer, the new red spiræa, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia variegata, 2½-in. pots, fine, $3.00 per 100. Phoenix Nursery Co., Bloomington, Ill.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona alba galegifolia, rooted cuttings, $1.25 per 100; 2-in. pots, $1.75 per 100. Logan Ave. Greenhouses, Danville, Ill.

Swainsona, white and pink, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $5.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Celery—White Plume and Golden Self-blanching, small plants ready for trans., 50c per 100, $3.00 per 1,000, $5.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Add 10c per 100 above prices if by mail. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Vegetable plants. I grow them by the thousands. Fine Jersey sweet potato plants, 20c per 100; $1.50 per 1,000. Cabbage plants—early plants, 20c per 100; $1.75 per 1,000; late Flat Dutch and other best varieties, 15c per 100; $1.00 per 1,000. Tomato plants—the earliest and best varieties ever raised. Don't fail to try the "Picturerock," one of the grandest tomatoes ever grown. Send for printed list. S. J. McMichael, 142 Larkins St., Findlay, Ohio.

Cabbage and tomato, for transplanting, $1.25 per 1,000. W. D. Chase & Son, New London, Ohio.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $1 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000; 2-in., $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Mammoth strain, separate colors. Rooted cuttings, 60c per 100; $5.00 per 1,000. Vick & Hill Co., Rochester, N. Y.

Verbenas, best of the mammoth varieties, extra fine, ready for 3½-in., $1.50 per 100. J. W. Miller, Hatton, Pa.

Verbenas. Best mammoth in separate colors, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas, 2½-in. assorted colors, $1.25, named sorts, $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Verbenas, 10 choice colors, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Verbenas, 15 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca variegata, white and cream variegated, for baskets and vases, 2½-in. $2.00 per 100, $7.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2½-in., $3.00; 3-in., $4.00; 3½-in., $5.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vincas, green trailing, 2½-in., $1.50; white and variegated, 6-in., $20.00 per 100. Morris Floral Co., Morris, Ill.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Periwinkle, variegated, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca vines, 2 varieties, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vinca variegata, 2½-in., $2.50 per 100. Cash. Geo. M. Brinkerhoff, Springfield, Ill.

Vinca vines, 3-in. pots, $4.00 per 100 Geo. H. Benedict, Yorkville, N. Y.

VINES.

Passiflora coerulea, 2 in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

VIOLETS.

Marie Louise violets, fine plants. February struck, $10.00 per 1,000, rooted runners, $5.00 per 1,000; clumps, $4.00 per 100. The above plants are clean and free from all disease. My stock is mostly grown on strawwork and 40 degrees at night; the fragrance and color of blooms can not be surpassed and they brought top price all winter. Please call and see for yourself before you secure your plants. I will keep them for you until May or first of June. Please order early. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

About 12,000 violet plants. Sand struck cuttings, $10.00 per 1,000 for Marie Louise; $15.00 per 1,000 for Farquhar. Clean. No disease or black fly. Cash with order. Another lot to come on later. Five per cent off your bill if you come and see them before you buy. Joseph Marklé, Rhinebeck, New York.

The only violet that has no disease, Princess of Wales; large clumps that can be divided into 12 to 18 plants and 20 to 40 cuttings from each clump, $4.00 per 100; $35.00 per 1,000. Chas. W. Reimers, Station A, Louisville, Ky.

Violets. Rooted runners, strong, healthy stock. Marie Louise and Lady Campbell, rooted runners, 60 cts. per 100; $5.00 per 1,000. Cash with order. L. J. Barber & Son, Anacostia, D. C.

Violet Clumps for immediate delivery. Imperial, $5.00 per 100; Farquhar, $4.00 per 100; Marie Louise, $4.00 per 100; California, $2.00 per 100. Harvey H. Stults, P. O. Box 48, Kingston, N. J.

Marie Louise, carefully selected runners, 60c per 100; $5.00 per 1,000. Ask for sample. Smith & Young Co., 456 E. Wash. St., Indianapolis, Ind.

Ready now, a few thousand Lady Campbell violets from sand or soil. Write for prices. Wm. Swayne, Box 226, Kennett Square, Pa.

Swanley White, 2½-in., $2.50 per 100. Lady Hume Campbell, 2½-in., $1.50 per 100. All clean. A. B. Campbell, Cochranville, Pa.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Wille & Son, Marlboro, N. Y.

Strong rooted runners of Princess of Wales, from soil, $1.00 per 100; $6.00 per 1,000. Cash. Helm Bros., Blue Island, Ill.

Marie Louise. Best sand rooted cuttings; healthy, $5.00 a 1,000. Cash. R. Kilbourn, Clinton, N. Y.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

Marie Louise, from soil, 60c per 100; $5.00 per 1,000. W. D. Chase & Son, New London, Ohio.

10,000 M. Louise violets, 2¼-in., in bud, $1.50 per 100. Morris Floral Co., Morris, Ill.

MISCELLANEOUS.

Clerodendron Balfouri, 2½-in., $2.00 per 100. Honeysuckles, 6 sorts, 2¼-in., $2.00 per 100. Hoya carnosa (wax plant), 3-in., $1.00 per doz. Lemon ponderosa (giant lemon), a great pot plant, 2½-in., $6.00 per 100. Myrtus communis, sweet German myrtle, 2½-in., $2.50 per 100. Phrynium variegatum, elegant foliage, 2½-in., $2.50 per 100. Plumbago sanguinea, pink flowers, 2½-in., $2.00 per 100. Sanseveria zeylanica, 2½-in., $2.00 per 100. Stephanotis floribundu, 2½-in., $2.00 per 100. The Good & Reese Co., Springfield, Ohio.

MISCELLANEOUS—Continued.

Richardia bulbs, good size, $7.5 a 100. Amaryllis formosissima, $2.5 a 100. Cannas, Burbank and other fine sorts, $2.50 a 100. California violets, rooted runners, $1.00 a 100. Wichuraiana roses (several sorts), layers, $2.00 a 100. M. L. Bonham, Clinton, Mo.

TO EXCHANGE.

PLANTS TO EXCHANGE—

	Inch pots	100
Acalypha Marginata, from	2¼	$ 5.00
Acalypha Triumphans, from	2¼	3 50
Cyclamen Persicum Gigante, in finest strain	2¼	3 00
Dracaena Indivisa, from	2¼	3 00
Pteris Cretica Albo-Lineata	2¼	3 00
Gaillardia Grandiflora	2¼	3 00
Umbrella plants	2¼	3 00
Maranta Massangeana	2¼	4 00
Justicia Coccinea	2¼	3 50
Justicia Velutina	2¼	3 50
Velvet plant	2¼	3 00
Ivy Leaved Geranium, named varieties, from	2¼	4 00

Boston Sword Fern, from 5 inch pots, $3.00 per doz.; $20.00 per 100.

Very strong Fall struck Carnation Portia, from flats or from 2¼-in. pots, $3.00 per 100. Dracaena Godseffiana, 3-in. pots, $1.50 per doz. Asparagus Sprengeri, 2¼-in. pots, $3 per 100. Flowering Begonias, 4 varieties, 2¼-inch pots, $2.00 per 100.

Sanseviera Zeylanica, 3-in. pots, $1.25 a doz.

Any of the above to exchange for rooted cuttings or small healthy stock, from 2¼-inch pots of Cuphea (Cigar Plant), true Double White Dahlia roots, Maidenhair Fern, Fuchsia Madam Bruant and Phenomenal, Heliotrope Albert Delaux, Weeping Lantana, Double Petunia, separate colors, Roses, Acalypha Sanderi, Cannas, named varieties, Rosehill Greenhouses, Rosehill, N. Y.

TO EXCHANGE—Caladiums, 6 to 8-inch, at $5.00 per 100; Cape Jasmine, 10 to 12 inches high, at $5.00 per 100; double and single geraniums, 2-in., at $2.00 per 100 for rooted cuttings of Golden Bedder and red Verschaffelti and other good sorts of coleus. J. D. Hooper, 812 Brook Ave., Richmond, Va.

WANTED.

WANTED—A few hundred single New Life geraniums. Iowa Seed Co., Des Moines, Iowa.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Southern wild smilax, new crop now ready. Agents: J. B. Deamud, Chicago; L. J. Kreshover, New York City; M. Rice & Co., Phila.; The Vail Seed Co., Indianapolis, Ind. Caldwell The Woodsman Co., Inc., Evergreen, Ala.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pines, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

Cut ferns, galax leaves, ground pine, evergreen sheet moss, sphagnum moss, leaf mold, etc. E. H. Hitchcock, Glenwood, Mich.

Dagger ferns, $1.25 per 1,000; laurel roping, 4, 5 and 6c per yard; Princess pine, $5.00 per 100 lbs. Crowl Fern Co., Millington, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Pure pulverized sheep manure and fine bone flour. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Fred Paul, 632 Race St., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer.

Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

Bronze galax leaves, $1.50 per 1,000, delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass, Benjamin H. Shoemaker, 265 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sylvague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J.G.&A.Esler, Saddle River,N.J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Hammond's Slug Shot destroys pests which prey upon vegetation in the greenhouse, conservatory and garden. Sold by seedsmen in all parts of the U. S. and Canada. For pamphlet address B. Hammond, Fishkill-on-Hudson, N. Y.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 50 lbs. to tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicotiride. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Clipper Lawn Mower Co., Norristown, Pa.

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers; best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey St., New York City.

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A. H. Hewa & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Wilmer Cope & Bro., Lincoln University, Pa.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

Send in your order now for a copy of the Florists' Manual.

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Send for illustrated catalogue and price list showing Florists' Refrigerators, Pumps, Hose, Sprayers, Tools, etc.
ORR & LOCKETT HARDWARE CO., 71 and 73 Randolph St., Chicago.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 30 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

If you read these advs. others would read yours.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

DENVER, COLO.

Easter Week.

Easter week in all was very pleasant. It opened fair, but on Thursday a heavy snow storm struck us and things looked squally. Friday, Saturday and Sunday though were summer days. Trade was about 15 per cent better than last year. To be sure, something was left over, but the market was heavily stocked.

Plants took the lead and some very pretty things were seen. As was expected, lilies turned out short and by Friday night several of the stores had a shut-down. A grand lot of azaleas were offered and cleaned out pretty well, about $5 being the average price, with a few good ones at $8 to $10. Ramblers were quite abundant, but only the best sold. A few good hybrids also found ready sale. Lilacs were grand and sold at a good price. Plant baskets proved very popular, the price ranging from $8 to $15.

In cut flowers a good trade was done. They showed up in good quantities Saturday, but Sunday morning being bright, the market was well cleaned up. Beauties and violets took the lead; fancy carnations perhaps next in favor. Not so much bulbous stuff was offered as in other years, but I guess it wasn't missed.

On Easter Monday the largest reception of the season was given and called for a good sized decoration. Hundreds of Beauties, Marquis carnations and daffodils were used. The decorations were by the Park Floral Company. A special feature was the table decoration, miniature electric lights being used, shaded to match the foliage and flower of the Beauties, they being used in the centerpiece. Rocky.

Easter Trade.

Easter has come and gone but its brightness is left reflected on the faces of our Denver florists, for it was undoubtedly the best day that they have ever had, there being lots of flowers, and what is the best of all, a great demand. Lilies were sold out early and about the only flower that was left over was the modest violet, the supply of which was large. A great many blooming plants were disposed of—more than usual.

Various Items.

For the plant trade the florists are anticipating a large demand for miscellaneous plants, as there is very little done here in the way of design or carpet bedding outside of the city park, where it is carried on quite extensively. These flower beds and designs are as fine as anywhere in the world, owing to

the bright sun that we get continuously bringing out the colors in such a vivid manner. All visitors are struck at once on beholding them. A bed of geraniums will be about a foot high and one mass of bloom, and so with all other flowers. The parks are supplied with plants from their own greenhouses, which are under the charge of Superintendent Graham and Foreman Davies. Their output this year will be about 150,000.

Hurt Bros. have moved their flower store to Fifteenth street in one of the busiest portions of the city, and are likely to do a good business at their new stand.

We had Adam Graham, of Cleveland, Ohio, as a visitor. He was on his return from California. Thorne.

ST. PAUL.

Easter will go on record as one of the best, if not the best, ever known here. The weather was marred by rain on Friday which undoubtedly curtailed sales somewhat. However it was nice and mild for delivering plants and there were few or no complaints on account of damage.

Contrary to expectations there were enough lilies to go around and where a shortage was apparent a few weeks before, a small surplus was found when deliveries had all been made. The favorable weather for two weeks preceding Easter brought about belated stock in good shape, though the effects of forcing were apparent in many plants.

There was nothing particularly new or striking offered this season. Lilies were as popular as usual. Hydrangeas and azaleas sold extremely well. Hybrid roses sold well, as usual. Ramblers were in good demand though not as eagerly sought for as when first introduced. Bulbous stock went fairly well with the smaller growers but will never be popular with the best trade here. Pans of extra fine hyacinths containing four to six bulbs each were almost a drug on the market.

In cut flowers the most marked demand was for colored flowers in contrast with the demand for white flowers in former seasons. Fancy carnations sold at sight bringing as much as and selling more freely than roses. Beauties were in good demand though prices ruled high and good stock scarce. There was a great call for violets which retailed at $2.00 per 100 and thousands were disposed of at these figures.

The stores all had good displays. L. L. May & Co. had their large conservatory and store filled to overflowing. A. S. Swanson had an overflow display at 6th and Wabasha. Holm & Olsen had their store packed solid with plants. Lemke had his usual display of good stock in both stores, while C. Vogt, O. Hiersekorn and all the others had dazzling displays.

The shipping trade was very good both in plants and cut flowers.

Prospects for future trade are very encouraging and spring bedding stock should be in good demand. X. Y. Z.

CINCINNATI.

Critchell's have closed their city store at 110 E. 4th St. and will hereafter grow for the wholesale trade only. Their address now is 719 North Crescent Ave.

Mr. B. P. Critchell, superintendent of parks, has sufficiently recovered from his recent illness to attend to business and visited the park office for the first time last Tuesday.

Augusta, Me.—G. P. Sanborn reports Easter sales as larger than ever before, with carnations and roses very scarce.

Cedar Rapids, Iowa.—I. N. Kramer & Son say that with them Easter trade was better than last year, in both cut flowers and plants.

Malden, Mass.—E. D. Kaulback & Son say their Easter trade was about the same as usual, but believe it would have been much larger had the weather been fair.

Brattleboro Vt.—C. E. Allen says Easter sales were larger than last year, with carnations and lilies in most demand. Potted plants sold in limited quantities.

Needham, Mass.—Denys Zingiebel reports: "Our market is in Boston. The highest price ever obtained for carnations was realized, Lawson bringing easily $10 per 100, and Marquis a close second, at $8."

Norwalk, Conn.—H. F. Byxbee reports supply ahead of demand for Easter, though demand was fair considering that Saturday was a very stormy day. The call was more for blooming plants than for cut flowers.

Carlisle, Pa.—Jesse Robbins reports Easter trade as fully 25 per cent better than last year, and that it would have been still better had not Saturday been an extremely disagreeable day. There was an increased demand for flowering plants.

R. S. H.—The greenhouse you describe is hardly large enough to make a business. If you have some other occupation, you might grow a few bedding plants for local demand as a side issue. You could not produce enough flowers in the house to make shipment to market profitable. With the addition of some hot-beds you might be able to produce enough spring bedding plants to make it worth while, providing there is sufficient local demand for them.

Rockford Ill.—The Rockford Star has inaugurated a movement looking to the embellishment of the city with plants and flowers this summer and the florists are co-operating by contributing plants, etc., to be awarded as prizes to those having the best decorated grounds, etc., during the summer. The florists who have contributed so far are H. W. Buckbee, R. H. Shumway, W. B. Reynolds, W. S. Hizer and J. J. Soper. The prizes are to be awarded by a committee selected by the Federation of Women's Clubs.

Dallas, Tex.—The Texas Seed and Floral Co. will this summer enlarge their fine plant to double its present size and will also build new and modern packing sheds. They will also put in a waterworks of their own, building a reservoir and erecting tanks 80 feet above, using a gasoline engine for forcing the water up into the tank, with direct pressure from engine when needed. F. W. Beach, formerly of Richmond, Ind., is now superintendent of this plant.

New Orleans, La.—At a recent meeting of the New Orleans Horticultural Society it was decided to give a chrysanthemum show in the fall, and the following committee on arrangements was appointed: P. Abele, ex-officio; J. Steckler, E. Baker, J. Eblen, E. Valdejo, Charles Eble, Harry Papworth, J. St. Mard, Dan Newsham, secretary.

Salt Lake City, Utah.—M. Christopherson reports that Easter trade in this city must have been double that of last year. American Beauties and Harrisii were never before so universally displayed. The florists all seemed to be very busy.

Cincinnati, O.—The will of Thomas Knott, the florist, leaves a $50,000 estate to his wife for life. After her death the property goes to the children.

IT PAYS.

One mail brought me letters with money orders in them from Illinois, Georgia, Mississippi and Kentucky for dahlia bulbs which I advertised in the Review. It pays to advertise in the Review. J. A. Keniston.

Newburyport, Mass.

STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.

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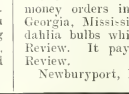

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Only 8 inches of shade.
No drip whatever from glass or gutter.

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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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Agreeable to Handle. Stay Red. Don't turn Green.

Sample Pot and Price on application.

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Pat. Sept. 18, 1900.

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GREENHOUSE BUILDERS
Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

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TERRE HAUTE, IND.—John G. Heinl & Son say it was the best Easter they ever had. Were short of everything in cut flowers. More palms and ferns used than ever before.

KEOKUK, IOWA.—Laisle & Haines report Easter as larger than heretofore in both cut flowers and plants, the demand for lilies and azaleas being especially strong, and with plenty to supply the demand.

1880 **HAMMOND'S SLUG SHOT.** 1901

Destroys Pests which prey upon Vegetation in the GREENHOUSE, CONSERVATORY or GARDEN.

SLUG SHOT is a composite powder **not dependent solely** upon any one of its parts for effectiveness. For 21 years **SLUG SHOT** has been used, doing effective work **against Leaf Eaters, Juice Suckers,** Sow Bugs, Snails or Grubs in the soil. **SLUG SHOT** is spread by duster or blower. Water will carry it through a sprayer or pump. It destroys in this way elm tree beetles, caterpillars on trees. Where Snails or Sow Bugs are troublesome, dust **SLUG SHOT** on the soil with a duster. **SLUG SHOT** rids **fowls, calves and dogs** of lice and fleas. **SLUG SHOT** is put up in tin perforated screw-top canisters and cartons holding one lb. The 5-lb. package (see cut) retails at 25 or 30c each, larger packages at less rate. **SLUG SHOT** is

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For Pamphlet address B. HAMMOND, FISHKILL-ON-HUDSON, N. Y.

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QUICKLY DOES IT.

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Special Machinery lowers cost.

That's where we save. Not on material.

Our factory is equipped with machinery especially adapted for this business. Special facilities for special work.

These, backed by experience and a thorough knowledge of material, enable us to give you the very best at a reasonable price.

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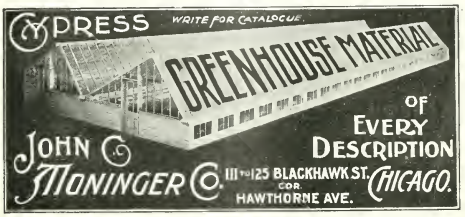

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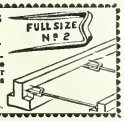

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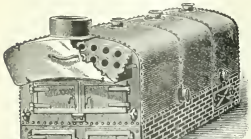

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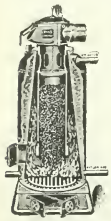

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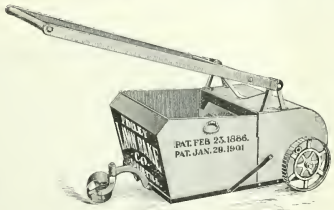

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Runs Easier Than Ever!

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, APRIL 25, 1901. No. 178.

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6-inch pots, 15 to 18 inches above pot, $1.00 each.
7-inch pots, 20 inches above pot, $1.50 each.
8-inch pots, 24 inches above pot, 2.00 each.

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THE COMING COMMERCIAL PINK CARNATION.

Rooted Cuttings,
$1.50 per doz.; $10.00 per 100; $75.00 per 1000.

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Tuberoses Double Pearl, largest size, **80c** per 100; **$5.00** per 1000.

Finest Mixed Gladioli for Florists, all colors.

Choice Imported Named Gladioli in great variety.

Special Price List for Florists on application.

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Vinca Major Variegata.

Extra strong stocky plants, from 2½-inch pots, **$5.00** per 100.

From 3½-inch pots, **$8.00** per 100.

The 2½-inch pot plants are last year's propagation and are sure to give satisfaction.

The larger plants are field-grown clumps which have been dormant most of the winter, but are now in very active growth, with 8-10 ends.

NATHAN SMITH & SON,
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60 finest named varieties, including our new mammoth white, Mrs. McKinley, the finest white Verbena grown.

PERFECTLY HEALTHY. FREE FROM RUST

Rooted Cuttings, 60c per 100; $5.00 per 1000.
Plants, $2.50 per 100; $20.00 per 1000.

Our list is the choice from millions of seedlings.

Send for list. **J. L. DILLON, Bloomsburg, Pa.**

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Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery.

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Southampton, - - near Philadelphia, Pa.

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	Per 100
Asparagus Plumosus Nanus, 3-in	$5.00
Asparagus Plumosus Nanus, from flats	2.00
Asparagus Sprengeri, fine, 3½-in	5.00
Boston Fern, true, 3½-in	5.00
New Geranium De Koo Mitting, has yellow foliage and double scarlet bloom	20.00
New Geranium Double Snowdrop, we know not a better white	15.00
Geranium Jean Viaud, 3-in	10.00
Geraniums, choice mixed, 3-inch	5.00
Alternantheras, red, also pink, 2¼-in	1.50
Sedum Variegatum, border plant, 2¼-in	1.50
Cigar Plant, 2¼-in	1.50
California Moss, hanging basket plant, 2¼-in	1.50
California Moss, from sand	.50
Jerusalem Cherry, 2¼-in	1.50
Smilax, from flats	.25
Coleus, 15 choice named varieties, 2¼-in	1.50
Salvia, Clara Bedman, 2½-in	1.50
Lobelia, Crystal Palace Gem, 2¼-in	1.50

	Per 100
Vinca, green trailing, 2¼-in	$1.50
Vinca, green trailing, 6-in	15.00
Vinca, trailing, variegated, 2½-inch	2.00
Marguerite or Paris Daisy, white, 2½-in	1.50
Ageratum, Princess Pauline, 2¼-in	1.75
Nasturtiums, tall, also dwarf, mixed, 2¼-in	1.50
Heliotropes, mixed, 2¼-in	1.50
Hardy Pinks, pink color, from sand	1.00
Hardy Pinks, large clumps	5.00
New Ice Plant from California, the finest basket plant we ever saw, 2¼-in	10.00
Candytuft, White Rocket, flats	.25
Verbenas, 10 choice colors, named, 2¼-in	1.50
Seedling Cannas—Pres. Carnot, Mme. Crozy, Sarah Hill, Queen Charlotte and A. Bouvier	1.00
Petunias, choice double mixed, 4-in	5.00

	Per 1000
Pansy Plants, 20 leaves, from cold frames	$15.00

5 plants at 100 rate, 250 at 1000 rate. Cash or C. O. D.

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NOTHING BUT THE VERY BEST HANDLED.

Send in your list of wants. Prices will be cheerfully submitted.

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The True Long Leaved Sort. Our SPECIALTY for sixteen years, during which we have supplied the American and European market. Sizes from smallest 8-lb. to 25-lb. stems. 100 lbs., $10.00; 500 lbs., $46.00.

CLEARING OUT Tuberous Begonias, single, separate color or mixed, $2.00 per 100; double, $4.00 per 100. **Gloxinias,** brilliant colors, $2.50 per 100; $20.00 per 1000. **Caladium Esculentum,** 6–9-inch picked bulbs, $4.00 per 100. **Gladioli,** true sort—**MAY,** $2.00 per 100; $17.00 per 1000. **American Hybrids,** grandest bloom, $1.00 per 100; $8.50 per 1000.

Fresh Kentia Seed	per 100, 60c;	1000,	$4.00
Cocos Weddelliana Seed	" 75c;	"	6.00
Asparagus P. Nanus	" 80c;	"	7.00
Asparagus Sprengeri	" 35c;	"	2.50

MAPLES from JAPAN. Multigrafted—a bouquet of foliage of most brilliant tints. Each 50c; dozen, $5.00.

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Manufacturers of..... **Florists' Wire Designs,**

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...LATANIAS...

Latanias, 7-in. pots, 1 plant to pot, $15.00 per doz. Latanias, 8 in. pots, 1 plant to pot, $18.00 per doz. Latanias, 8 in. pots, 3 and 4 plants to pot, 2½ to 3 feet height and diameter, 12 to 14 leaves, $24.00 per dozen.

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53rd and Woodland Ave., Philadelphia.

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THE RETAIL FLORIST.....

Wedding Decorations.

Very often some detestable forms of "greening" can be noticed in work done by alleged "best houses." For instance, you will see Florida palm leaves arranged to form a flat background, and the delicate greenhouse flowers are put among the coarsest of outdoor greens. It should be remembered that the very finest decorations can be made entirely of greens; the arranging of them is as important as the arranging of flowers; anything can be used but there is a proper place for everything.

Just at this time wild smilax from Alabama furnishes us with the most effective material. Perhaps you will have noticed that there are two varieties of this smilax shipped; one has long narrow leaves, keeps very poorly and is otherwise inferior to the round leaved berried kind. Another thing we notice the boxes are being packed on the principle used by the grower who measures his rose stems by the quarter inch; many of the cases of wild smilax coming into New York are frauds, for according to what is charged for them the cultivation of this article promises better returns than cotton, corn or any of the farm products. The increasing use of it justifies serious consideration.

Well, as to its usage, we use it wherever we can because there is nothing to equal it, and it looks all the better if trimmed off here and there with a few long strings of asparagus. We never stick palm leaves here and there as if spasmodically done; we prefer to group greens. Suppose we have a long wall, balcony or other space to cover, first put up your vine-like tracery of wild smilax (this is apt to be too monotonously regular) and a panel cluster of magnolia, laurel, needle pine, or almost any evergreen will add character to your work. Avoid sameness; the eye can "size up" some decorations, like at our annual flower shows, in one sweep; that is an unfortunate thing to happen to any sized decoration. Usually temporary picked up "help" is sent to fix up the church; this is a mistake.

Of course palms may or may not be made the crowning feature of any large decoration; they are expensive. In cases where very tall effects are desirous, and this is nearly always required, at least each side every altar, 'tis cheapest and best to make up immense sabal palms which can easily be done. If you have no natural stump moss up a piece of scantling, stick it in a weighted green tub, arrange your palm leaves as if they were growing; you can easily make a good natural effect, but be careful to hide the ground work. Another good way is to rig up a round pillar effect with wire netting and stick your leaves in it; this dispenses with moss.

The use of wire netting is becoming more regular in difficult wall decorations, or where nail driving is prohibited. The old system of stringing wires to cover a roof for instance is done away with in favor of the net work. Stiff garlands such as that made from laurel or other greens are not strictly correct for church weddings. The green work should have a pastoral tinge to it. There is too much ribbon work introduced into church decoration, it is a cheap form of deceptive decoration and is inappropriate in church which teaches the barefulness of frivolity. Use flowers and greens with all the profusion you can and less school girlish ideas.

Remember, "any old color" won't do at wedding decorations; purple and melancholy colors are out of place. They should never be used unless at a funeral. Bright colors, however, are being more generally adopted. The "all green and white" craze is dying out, as it should do. We always imagine the church is fixed up for a funeral where there is an entirety of sickly tones. A wedding decoration, no matter where it is, should have a festive insinuation about it. This can best be accomplished by taking advantage of pillars, balconies or elevated positions where a spray of greens and a cluster of flowers may delight the eye.

A Floral Book.

In the meantime see that you are ready for early plant trade. A window box or vase of pansies outside your own store might bring you some good orders. Imported plants of Aucuba Japonica and Laurus rotundifolia are being extensively used here for early spring vase work; large specimens of the latter are fine for general decorative work. IVERA.

A FLORAL BOOK.

We present herewith an engraving from a photograph of a floral book arranged by Walter Kreithling, Chicago, for the funeral of the late A. C. McClurg, head of the great publishing house.

The design is 4 by 3 feet in size, the pages being of Bride roses set solidly and the edges of the book being of Bridesmaid roses. The two pages of the open book are separated by Perle roses. There is no lettering on the pages but the lines are indicated by lily of the valley. The back and edges are relieved by Asparagus plumosus and Sprengeri. On the lower corner of the right hand page is a 24 inch wreath of violets.

The price of the design was $100 and it contained 1,800 roses, 200 valley and 2,500 violets. Miss Annie Kreitling was the artist.

CHRYSANTHEMUM NOTES.

Exhibition Flowers.

"Does a chrysanthemum plant need a longer season of growth than is usually given it, in order to produce the very finest flowers for exhibition?"

This question was asked me and I answered "Undoubtedly it does." It is a question that does not affect the purely commercial grower so much because nowadays he does not cut so much of a figure on the exhibition table, the private grower having practically elbowed him out, in the eastern exhibitions anyway, but it does affect the man who grows or wants to grow the finest flowers.

I see the New York Florists' Club is issuing a comprehensive schedule for a show in Madison Square Garden this year and since New York is falling into line with Boston, Chicago and the other large cities with regard to holding an exhibition, and is issuing its prize list in good season, we may conclude that there will be more exhibition flowers grown this year. Let us then see what we can evolve from our experience, in regard to early versus late propagation, as affecting the size and finish of the flowers.

The finest flowers I ever grew, in my own humble opinion, were cut from a batch of Robinson that were rooted in December. These were kept cool all winter but still moving gently and early in March planted permanently in boxes four feet long and ten inches wide. The plants were kept to single stem and were placed outside during May and June. Early in July they were placed in a

large airy house and stayed there for the remainder of the season. They attained a height of six to seven feet and the flowers were of superb finish. This may be called an extreme case as hardly one man in a thousand has facilities for handling a batch of plants in such a manner and I hardly think it necessary if he had.

Cuttings rooted in February or March and kept to single stem have always given splendid results with us. I have never yet obtained flowers of the same quality and finish from cuttings struck end of May or early in June. The explanation of this is simple enough. If the plant is started early, before the intense heat of early summer, it will make a stocky short-jointed growth and will continue to make such growth if treated rationally. This will insure a natural maturation of the tissues of the plant and the wood will be what is called "ripe." Contrast this kind of growth with the growth you get from later rooted cuttings which run up very quickly after being planted out, and you can see at a glance where the difference comes in.

You may argue that we get so much sun here that the plant will get properly matured anyway and your worst trouble is to keep them from getting too hard and stunted unless you shade your house. There is a difference and a wide one between a natural ripening of the wood and an unnatural premature ripening, or rather roasting, from a hot sun. I have heard growers claim to get just as good flowers from late rooted stock as earlier, but my own experience teaches me otherwise. The flowers may perhaps have as large a spread but investigation always shows them to be deficient in depth, finish, and lasting qualities, and these are points that count for much in exhibition flowers. Brian Borg.

MISCELLANEOUS SEASONABLE HINTS.

Trees and Shrubs.

Florists often combine a little of the nursery business with their bedding plants and supply everything for the garden. We have a curious spring. Only a few days' fine weather and then a heavy snow storm. All deciduous trees and shrubs must be got into the ground without delay. The rule is if they have started to grow it is risky to move them and in a few days the time will be over. Nearly all trees and shrubs should be pruned when planting and this will particularly help those that are transplanted late. They are bound to have lost their working fibers and cannot supply sap enough to keep the tops growing. You will often see a tree expand its leaves feebly and then collapse because it has no working roots to support it.

I am aware that I am late in giving any hints on deciduous trees and shrubs, but in plenty of time for the evergreens, so-called, or conifers as they should be called. The middle of May is plenty early enough for these. In fact, they should not be moved till the growth starts and if you are buying any see that the nurseryman does not deliver them till the proper time. I have frequently had occasion to give you what, in my humble opinion, is the only way to plant a tree or shrub or evergreen. It is little use to dig down more than a few inches lower than the length of the roots or depth of ball for you don't want the roots to go down, and in but a few trees are they inclined to. But give them all the width you can afford. If it is a prepared and trenched border that you are going to plant shrubs in, then a hole large enough for the roots is sufficient, but in the case of single specimens any distance apart the ground is seldom all prepared and a hole is dug especially for the tree. Make it wide and put in good soil and manure and you will be correspondingly rewarded in the growth of your tree.

Never in the case of trees and evergreens plant more than two inches lower than they have been growing in the nursery.

I believe in getting the tree in proper position and sufficient soil around and among the roots to firm them, or we will say the soil filled in to within four or five inches of the surface, then pour in water enough to thoroughly soak every particle of soil. This carries the soil compactly around every root, a most important point. After the water has soaked in then fill up with dry soil, which acts as a mulch. I am sure this is the successful way, the right way and only way, and worth many waterings on the surface. If you have to water on the surface then it pays well to spread an inch or two of stable manure round the tree or shrub as wide as the excavation.

Sweet Peas.

It is to be hoped that you sowed sweet peas the moment the ground could be worked. I often see great neglect in giving them some support. It should be given them when they are a few inches out of the ground, and not wait till they are a foot high and flopped over.

Asters.

If your asters are large enough to transplant and the ground is dry, there is no need of delaying the planting. A chilly night does not hurt them.

Crimson Ramblers.

We have tried again the Crimson Ramblers lifted last November and forced for Easter, and with us it was a dead failure. I believe this was largely because we did not have them on our own grounds and had to purchase them and have them shipped a few hundred miles. It is a good plan to plant out a few hundred small plants this spring on a good piece of soil. The strongest can be lifted this fall and the weaker left for another year.

With our experience of the past, we shall, however, stick to our old plan of potting some strong plants about now, cutting the canes back to a few eyes, and then when they break leaving only five or six of the best growths and these we will endeavor to grow into fine canes. We start them, of course, as cool as possible, but keep them under glass all summer in the full light and put them out of doors to harden up the growth in September or October. The advantage of these plants is that they are sure to flower. With any kind of management they are bound to be a success.

Last year we were troubled with mildew when they were making their strongest growth in June. Allowing them to get very dry was, I believe, the cause. Don't let mildew attack them or it badly hurts their growth.

I tried a similar method last spring with Ulrich Brunner and some other hybrid perpetuals, growing them in pots during the summer and cutting them down in winter and forcing. They produced good flowers, but it is not necessary for Easter forcing with hybrids, because they force easily from lifted plants. You have to cut a good deal of wood away from them, while the ramblers are very top-heavy. William Scott.

IN THE LAND OF THE OLIVE.

[Read by Arthur Herrington before the New York Florists' Club, April 8, 1901.]

(Continued from issue of April 11.)

Continuing along the coast from Cannes we paused at

Golfe Juan

to visit the Villa Menier, another superb place with a long frontage to the sea. Its spacious grounds are well planted, showing fine massed effects of palms and bamboos, and there are giant trees of Eucalyptus globulus, which were in flower at the time. M. Riffaud, the gardener, highly praised the eucalyptus for exposed situations such as this, saying it was rarely broken by the strongest winds. Araucaria excelsa was represented by several magnificent trees 50 to 60 feet high. Adjoining is the garden of the Villa Valetta, its most noteworthy feature being a splendid group of Washingtonia filifera.

Les Cocottiers

was next visited. It is a nursery, but, as the name would imply, is named after the cocos palms, of which it possesses a group of truly marvelous specimens of C. plumosus. They are growing at the foot of a rocky hill, and have grand columnar stems 20 to 25 feet high, surmounted by splendid leafage, a picture of luxuriant health. The world-famed nurseries of M. Nabonnand are next encountered, and they, too, have beautiful palms, although roses are the special culture.

A few miles more along the lovely coast, and we come to

Antibes,

another garden spot with much commercial floriculture, and having some large, comparatively level areas, and fine facilities for extensive culture. In every flower store throughout the trip we had seen carnations. At Antibes we found a grower of carnations, by name M. Cariat. He has the largest glass establishment we saw, and everything well grown. Fifty houses, ranging in length from 100 to 150 feet, are devoted to carnations, all splendidly grown and

Central Feature of Easter Window Display by P. J. Hauswirth, Chicago.

abundant in flower; but what a disappointment when judged by the standard of those we have in this country. While appreciating the gravity of the assertion, still it must be asserted every carnation seen here was absolutely worthless for the American market. Almost all were bursters, and the majority of them variegated in color, in hues often by no means pleasing. The houses are cheaply constructed, and the only provision for heating was a little stove standing about the center of the house, in which a small wood fire is lighted for a few hours when occasion requires. The plants are set in the ground in rows about two feet apart. Doubtless our fine carnations would grow as well there, for they would have the same bright sunshine with solar instead of artificial heat. Roses were very well done. An immense block of glass approximating an acre was planted entirely with Marechal Niel rose trained to transverse trellises. The earliest batch was just commencing to bloom, slight artificial heat being used; but solar heat suffices for the two batches that follow. Hybrid perpetual roses are forced in immense quantities. They are first established in the open ground and the house erected over them when strong enough to force. A large block of smilax (myrsiphyllum) was growing in an open slat house, and there was a splendid lot; but M. Cariat said even grown thus he could not compete with northern cultivators. At the time of our visit he was doubling the size of his establishment, a six-acre tract being graded into a series of four immense terraces, solely for roses and carnations.

The Villa Thuret, at Antibes, was visited next. It is a public garden of great botanical interest, the collection consisting of everything known to be hardy along the Riviera. This garden contains the first eucalyptus planted in the south of France, and it is a fine tree, though not equal in dimensions to the one previously noted at Hyeres. The first Jubæa spectabilis planted in the south is here also, and a magnificent specimen, having an immense stem, girthing about 12 feet, is 20 feet or more in height, with a proportionate crown of leaves. Pittosporums, acacias and other flowering shrubs and trees are represented in great variety.

The Cap d'Antibes is a bold, olive-clad promontory, jutting far out into the sea, and at its extremity is the Villa Eilen-Roc. En route we pass by a number of little flower farms where violets, anemones, ranunculus and narcissus are being gathered, bunched and packed for northern markets; notice also a row of great agaves by the roadside, of which a dozen had recently flowered, minus of tree dimensions and other familiar plants large in stature and luxuriance of growth. A long, rocky foreshore constitutes the garden of the Villa Eilen-Roc, and hours might be profitably spent there enjoying its wealth of plant beauty—the aloes, agaves, opuntias, crassulas, mesembryanthemums and hosts of graceful foliage and flowering plants that have been naturalized in a real rock garden. The congenial conditions may be realized, for on the lawn above stand immense trees of Ficus macrophylla and Oreopanax dactylifolium, while the flower beds are filled with Chinese primulas and Persian cyclamen, and aspidistra and begonia Rex were an undergrowth and ground cover, among groups of pittosporums.

Nice

though popular as a resort, is horticulturally far behind its neighboring places. It has a town garden, however, along the sea front that will be better with age, and which must have involved enormous expense in the making, as it is built over the broad estuary of a river that flows into the sea at this point. The broad "Promenade des Anglais," too, is planted with Phœnix, and has many flower beds. A short stay suffices here and we hasten on to

Monte Carlo

to see the magnificent gardens that surround the Casino. They are a revelation of beauty, and planted with such a variety of things one hardly knows what to single out for special mention. Having climbed the steps that lead up to the Casino from the railway station we were first astonished by a great mass of Aloe ferox in flower, a hundred spikes of fiery crimson, vividly effective. We pass round, however, to the town side, and note first the formal garden, which is in reality a long vista, terminated by the Casino. The garden is slightly depressed, and the vista has been formed by a fine piece of planting. An avenue of washingtonias alone would be effective, but this has been made lighter in effect and doubly beautiful by alternating each palm with an Australian tree, Brachychiton populifolium, a tree of singular grace and distinctiveness, having a smooth stem, of pyramidal tapering growth, and gray-green leaves; in fact, it might be called an evergreen aspen. This is the only piece of formal gardening; elsewhere natural arrangements prevail, and the gardens teem with rare and choice specimens and groups planted to the best advantage. Among palms we noted Thrinax Chuco, a rare species with a spiny stem; Pritchardia nobilis, truly noble Cocos australis in many fine specimens; Brahea Roezli here as elsewhere wonderful in color; Chamærops filifera, with leaves cut into narrow segments; C. Martiana, a rare and distinct species; Cocos Blumenavi, stately, tall and graceful; C. cycadifolia, with a slender 30-foot stem and a heavy head of cycas-like leaves; Corypha australis, Phœnix spinosa, Latania borbonica, while an exceptionally tall date palm gave support to a

30-foot specimen of Cereus quadriformis. Ficus macrophylla was represented by a tree about 40 feet high, with a branch spread nearly 30 feet in diameter. F. rubiginosa, too, was a handsome tree; but quaint, in fact unique, was a specimen of F. Roxburghi that had developed aerial roots like the banyan, of which there were five masses, having an 8-foot descension at almost equal distances round the stem, and all having entered the ground the tree was certainly securely anchored.

Isolated upon the grass was a large plant of Strelitzia regina in flower, while in a more sheltered nook was a marvelous mass of Strelitzia augusta, 30 feet in height, half as much in diameter, with enormous musa-like leaves. Yucca baccata and Y. guatemalensis 20 feet in height, Aralia palmata, Orecpanax dactylifolium, dasylirions, opuntias and bamboos of tropical stature and luxuriance were noted. In fact, if time and space permitted, much more might be said of many rare and choice plants, all hardy and happily at home here.

This wonderful garden is a monument of the most enduring character to the capacity and ability of M. Van den Daele, who has made it what it is during the twenty-one years he has had the direction of it. Its floral features, too, are on the same elaborate scale. About 80,000 cyclamen and 40,000 primulas are raised annually, the bulk of them planted out in the beds and borders. There were some striking beds of lachenalias in flower. Several miles of terraces form a supply garden; in fact, this portion of the establishment is prodigious, and replete with a large and varied stock of plants. We were informed that the Casino gardens have a working staff of 200 men.

A walk around the palace of the Prince of Monaco concluded the day. It stands on a high promontory thrust out into the sea, and on the extreme point, which is covered with scrubby pines, were masses of red geraniums several feet high —in fact, a tangled, thick undergrowth to the pines, about the most curious association one could think of.

Vintigmilia,

the first town in Italy, was the next stopping place, and La Mortola, the garden of Mr. Thomas Hanbury, our destination. This garden is a series of terraces on a steep hillside, and is full of rare and beautiful plants. Especially noteworthy were some gigantic plants of Agave Salmiana, foucroyas, opuntias, banksias, pittosporums and others previously noted elsewhere. The drive to and from the place was most interesting, as we saw miles of terraces, many of them only wide enough to accommodate a row of grapevines or a single row of peas, which were then in blossom. Some of the terrace walls here were veiled in ivy-leaved geraniums, which, planted at the top, had grown down, completely hiding the wall, and gay with a profusion of bloom.

Continuing along the coast through olive groves, lemon orchards and fruit gardens carved out of the mountain side, looking like gigantic flights of steps, we reached Genoa, and here all of horticultural interest ceased.

Morris, Ill.—Mr. A. Mitting, of the Morris Floral Co., has returned from a three days' visit to California.

DESIRABLE PERENNIALS.

The rapidly growing interest in the cultivation of hardy plants and shrubs as shown by repeated and eager inquiries of what to plant and where to obtain the material, makes it evident that any facts concerning "perennial border" plants must be useful to florists and dealers as well as to their patrons.

If you will look over the catalogue of any dealer in hardy plants you will find a large number of species enumerated which can be of no use or interest outside of a botanical garden. The uninitiated purchaser who buys them on the strength (or length) of their inviting names will meet only vexation and disappointment. Other species, valuable under suitable conditions, may have certain peculiarities of growth or habit which will render them an unmitigated nuisance to the cultivator of limited space. For instance, certain of our native asters and golden rods have a capacity for spreading by the roots which involves a great amount of labor to restrain them within proper bounds in a small garden.

Plants which grow too readily from seed are also to be regarded with caution, as they may in time menace the existence of their less prolific neighbors. Many dealers and collectors are advertising and sending out plants of dangerously poisonous properties without warning to purchasers and grave results sometimes follow. Cases of poisoning have been reported from children eating the seeds of the purple thorn-apple (Datura Tatula). Aconite and foxglove are frequently cultivated as ornamental plants without a suspicion of their poisonous character. The common oleander (Nerium Oleander) is highly poisonous, even its fumes being deleterious to some persons.

The rapid extinction of some of our choicest native plants because of the breaking up of the prairies and the close pasturage of the woodlands makes it desirable to save them if possible by cultivation in perennial borders and elsewhere.

Clematis: The common Virgin's Bower (C. virginiana) and the Leather Flower (C. viorna) are two pretty vines native through this state. C. virginiana has showy panicles of small white fragrant flowers.

Aquilegia: The Red Columbine (A. canadensis) is one of our most graceful native plants in form, color and foliage on banks and bluffs.

Thalictrum: The Meadow Rues (T. polygamum and T. dioicum) deserve a place in any wild border on account of their beautiful foliage. T. polygamum will grow four to six feet high, while T. dioicum is as graceful as a fern.

Menispermum: The Moon Seed vine is a pretty woody climber with rich angled leaves and purple grape-like berries. The root has a medicinal tonic principle.

Podophyllum peltatum: The May-Apple is a pretty, easily grown perennial, especially fine among trees or shrubbery.

Sanguinaria Canadensis: The Blood Root with its large rich leaves and beautiful white flowers graces rich woods in early spring. Blended with trilliums, hepaticas and dicentras it can be made one of the choicest ornaments of the border.

Hibiscus militaris, a bold, strong growing hibiscus with large rose-colored flowers; a close second to H. californicus.

Geranium maculatum, the wild Crane's Bill, makes rich bunches of foliage and flowers when cultivated. All plants of this order are handsome, but the other native species are too straggling in growth to be effective. The erodiums have the same fault.

Silene stellata, the starry Campion, forms dense bunches of tall stems, with whorled leaves and finely fringed white flowers.

Ceanothus Americanus: This little member of the Buckthorn order is popularly called "Red Root" and "New Jersey Tea." From its massive woody roots a cluster of leafy stems crowned by rich masses of delicately beautiful white flowers spring up each year. The root has sometimes reached sufficient size to be cut into veneers when it rivals rosewood in beauty.

Amorpha fruticosa, a tall shrub with the aspect of a caragana and with spikes of purple flowers marked with golden stamens.

Amorpha canescens: Lead plant, and locally called shoe-string, is a pretty little prairie shrub or half woody plant. The spikes of gold and purple are beautiful.

Tephrosia virginica, Goat's Rue, is a beautiful plant for dry, sandy locations.

Cassia marilandica (American Senna) is a fine plant forming close masses of acacia-leaved stems three to five feet high with showy yellow flowers at the top.

Many of our native composite flowers are worth cultivation for the boldness which they lend to the outlook. I will name only a few of the most desirable:

Vernonia fasciulata, Iron Weed, is a coarse plant, but has showy, dark purple masses of flowers, usually three to five feet high here. It has one drawback, the matured heads turn a dusty brown and are lifted into undue prominence by the lengthening of the pedicels.

Eupatorium: The eupatoriums are quite effective in a mixed border. The Boneset (E. perfoliatum), white Snake Root (E. ageratoides) and the Joe-Pye weed (E. purpureum) are well-known wild flowers. They are easily transplanted, keep their place well and are free from bad habits.

Liatris: The leading species of liatris should be present wherever there is any space left for wild flowers. They are the most characteristic feature of our Illinois prairies and woodland openings. The compact shape of the tubers makes them easy to transplant and there can be nothing more showy. L. cylindracea, L. pyenostachya, L. scariosa and L. spicata are the best for this locality.

Solidago: The Golden Rods as a body are so well known that it might seem needless to say anything in their favor, however they vary greatly in availability. The species which are of robust growth and prone to spread rapidly by root runners as S. canadensis, S. serotina and S. missouriensis, are likely to prove troublesome where space is limited. S. caesea, S. latifolia, S. speciosa, S. namoralis, are very pretty forms of smaller growth which remain where they are planted. S. rigida and S. Riddellii are somewhat larger (two to three feet), with larger heads of fragrant showy flowers. S. patula is a fine bold plant (six to eight feet), for very

New Pink Carnation Cressbrook.

moist locations. The Golden Rod is one of the many flowers acensed of being the cause of hay fever, but the evidence is not conclusive. John Higgins.

CARNATION CRESSBROOK.

This new pink carnation originated with Mr. Chatterton Warburton, of Fall River, Mass., and the blooms shown at the Baltimore convention of the American Carnation Society were certainly fine. It was scored 94 points by the judges, which is 9 points more than the number required to secure a certificate. The blooms are a very pretty shade of pink, well formed and borne on long, stout stems. We were very favorably impressed with it. Since the convention the variety has scored another 94 points, this time at the Boston Flower Growers' Exhibition on March 9th.

PHILADELPHIA.

The Market.

Business is in fair shape when you consider that it is the end of April. Quaker's ladies, crocuses and snowdrops are in full bloom outdoors. Next week will be May.

The plantsmen hardly did as well as usual with leftover and belated Easter stock. The stores had more than usual to begin with: the azaleas were all too ripe to keep, and lilies very plentiful. Most of the stock has been cleared up somehow and its place is being filled by the next crop. The more up-to-date the place, the quicker the benches are cleared and refilled, for time and space mean money.

While business is fair for this season there are entirely too many flowers on the market. Carnations hold up fairly well, but second-class—well, in fact, all second-class stuff is in oversupply. The street men help to dispose of the stock, but the rainy weather has been against them. Lilies continue abundant and can be had at any price. Large white and yellow daisies sell fairly well at $1.50 per 100; also white sweet peas at same price; Blanche Ferry goes slowly at $1 per 100. Smilax and asparagus continue in fairly good demand.

Various Items.

William K. Harris, who was taken ill on Easter Monday, is happily recovering.

Hugh Graham had some first quality hyacinths that sold readily for 15 cents each in 4-inch pots. This grade, by the way, nearly all goes to Germany, where the bulbs bring fancy prices, about $6 per 100; whereas in this country $3 to $4.50 is about the highest price obtainable.

John Curwen, Jr., formerly of Villa Nova, has leased 15,000 feet of glass at Glen Head, Long Island. Mr. Curwen has done well with carnations and violets.

Secretary Rust has a band of able, hard working growers who are pushing the Pennsylvania Horticultural Society along in good shape. The April meeting brought out sharp competition for the prizes offered. Cultural papers were read by experts and keen interest was manifested.

It is the fashion among our horticultural writers to make disparaging remarks about the foreign salesmen who visit this country each spring. Probably this is due chiefly to regret that we are unable to supply our own wants in plants and bulbs. Until we can do this we owe a debt of gratitude to the enterprise of these growers from abroad, who produce what our customers want and send their representatives to our doors to offer their products. This city has been known for some time as a good market by these travelers.

The business done here in palms has fallen away of late years; we do them well now ourselves, thanks to Dreer, Ball, Heacock and others. The importation of araucarias has increased; we have as yet no specialist in this field; there are also a great many Ficus elasticas still imported. The greatest increase is among the flowering plants, especially azaleas; these are so admirably and cheaply grown as to defy home competition.

The quantity of bulbs which we import each year is simply enormous. At present this branch of the business is barely holding its own, there being a slight increase in bedding and a distinct decrease in forcing of bulbs. The falling off in the quantity forced each season is due partly to diseases affecting Harrisii lilies, narcissus Von Sion, tulip La Reine and some varieties of Dutch hyacinths and partly to a change in taste, which has put these showy flowers on the back track.

Hugh Graham built a new palm house before Easter; to fill it he drew from outside, clearing up Edwin Lonsdale's available stock.

The retailers doing outside planting have used their Crimson Ramblers left over from Easter in this way, thus saving part at least of their investment. A very large number of pansies are seen about town in vases and window boxes. Boston ferns in small sizes are in demand both in and outside of this city.

John F. Sibson, who has charge of the McKean place, "Fernhill," Nicetown, has his houses in exceptionally nice condition. Beauties and carnations are in fine shape. Among carnations he thinks well of Olympia, Crocker and Flora Hill, but his best sort is the Marquis. The plants of this variety were field-grown, and when lifted were rather small. They have done finely all winter and are now large plants still in excellent condition.

Phil.

BALTIMORE.

The Weather.

For the week ending today (April 22) we have a record of clouds and rain, a lower than normal temperature, but no heavy freshets or destructive winds, such as have devastated other sections. The copious precipitation has replenished the springs and water courses and put a period to the most prolonged winter drouth that has been experienced here since any weather memoranda have been kept. The ground will now be in most favorable condition for working and all out-of-door operations, which are behind-hand now, will go ahead with vigor. The bloom of hardy shrubs which are now in season is profuse, the winter not having had any injurious influence as in so many years.

The Market.

In the cut flower trade fairly active conditions prevail. There is a glut of callas and Harrisii lilies and more than sufficient roses coming in except good whites. Good Beauties are selling well. The supply of carnations is not much beyond the everyday requirements and they sell at prices which are a shade above the average at this particular season. Hyacinths, tulips and narcissus are overdone—especially the last, which come in great quantities from farther south,

selling consequently at lower figures, and supplanting other flowers. Just now heavy shipments of poeticus are coming from near Richmond, Va.

There are some shippers in evidence now who do not use the market to any great extent while flowers are scarce. Their supplies and the hardy stuff from the South tend to overdo the capacity of the trade to take all up. But, as usual at this season of the year, good stuff is in request and any disappointment in the market is due to the excess of mediocre flowers and to the causes indicated above, not to any falling off in the customary healthy demand. R.

BOSTON.

Trade Conditions.

Surely the general run of business has held up remarkably ever since Easter. There is now a good supply of everything coming in except possibly bulb material, which is getting out of season. But everything cleans up fairly well except Easter lilies, for which there is not enough call to use the coming crop. In my capacity as salesman I do not like to be asked about prices, but being a sort of "Lord High Everything Else" on a small scale, as a reliable reporter I must confess prices are not what salesmen like. It is not so much a question with them what prices were as whether goods were actually sold or not. A heavy buyer can expect to come to the city just now and boss both ends of a transaction between himself and any wholesale salesman. "The melancholy days have come, the saddest of the year."

Various Notes.

Before our long rain (seemingly the longest in history next to that of Queen Victoria's) signs of spring were few and scarce. But "wait till the clouds roll by," "when the mists have rolled in splendor from the beauty of the hills," and spring is here. The increase in the length of the day is very noticeable to one who is "up with the lark in the early morn"; the grass is smiling up at you, buds bursting, crocus blooming, and the robins are on hand to superintend the whole thing.

Boston's Public Garden is a busy place. The plan is to beat all former records. The trees are getting their annual discipline, the bulb goods are up and coming, and at the city greenhouses in preparation for coming displays in the different city parks are 20,000 rose bushes, 30,000 lilies, 6,000 rubbers, 1,000 magnolias, 1,000,000 pansies and a countless array of other plant life.

By courtesy of Mr. Sutherland I was admitted to the work rooms of the new Koral florist letter of which he is sole selling agent. The proprietor, Mr. Alden, who gives his wife full credit for the invention, tells me he was formerly foreman for the Boston Letter Co., until the possibilities of his wife's idea became impressed upon him. Therefore the new letter is strictly of Boston birth.

The peculiar silk of which the letters are made is first taken to a large paper cutter and cut into strips about three-fourths of an inch wide. These strips are run through a wringer-like machine a half dozen at a time, which scallops each edge with half circles an eighth of an inch across. A very simple sewing machine attachment folds as many of these scalloped strips as is desirable, lengthwise over a wire, sews them on solidly as fast as any one will run the machine, and turns out a finely finished product by the rod, resembling chenille, and used for the same purposes. Several pairs of deft hands are even now employed in bending this product into block and script letters and other floral designs, and the trade generally is learning the desirability of its lasting qualities on funeral designs after being placed in the cemetery.

A false prophet is false profit indeed, so we will cast no horoscopes, but even the largest business concerns inevitably have a small beginning, and "there is always room at the top."

N. F. McCarthy's auction rooms are overflowing with stock for sales on every Tuesday and Friday until July 1, with the exception of April 19, which was postponed one day on account of the holiday. He has issued a magnificent catalogue of hardy roses, rare evergreens, rhododendrons, trees, shrubs, etc., to be sold during the present month. It is finely illustrated and lists an immense amount of goods.

James Salter, from Mr. Zirngiebel's working force, has accepted a position on a private place at Manchester-by-the-Sea.

At the risk of being accused of dealing in ancient history I might say that after all the Easter clouds rolled by it could easily be seen that while it probably was as successful a season as ever was known here, still everyone would have done very much better under better weather conditions. The trade ran to flowering plants heavier than ever, especially to azaleas and other high-priced goods. Lilies seem to be getting too common for the best class of trade. J. S. Manter.

ST. LOUIS.

The Market.

Trade reports have not been very encouraging the past week. There was plenty of stock in the market until the last day, Saturday, when roses all of a sudden became scarce; plenty of them were sold at job lot prices up to Saturday, when the price suddenly went up. There was very little retail business and it was only the outside shipping trade that helped the wholesalers to clean up some of the glut. Select Beauties have been scarce and have been selling as high as $3 and $4 per dozen. Other roses are fine and range from $4 to $6 per 100 for extra select. Mixed lots were quoted at $2 and $3 per 100.

Carnations have been more plentiful the past week than at any time this year, they being rather a glut at times. At this writing, though, they seem scarce, especially white, which are in great demand and sometimes bring the price of fancies. Price on general stock in large quantities is $1 and $1.50; fancies, from $2 to $3 per 100.

Violets are growing poorer and smaller. A great many are coming in; they stand at 20 and 30 cents per 100.

Bulb stock is slow; there is very little demand for it. Valley is about the only stock in this line that seems to sell; $2.50 and $3 per 100 is asked for it. Sweet peas are coming in fine now and seem to sell better; 75 cents to $1 is the price just now. Another week of them will make a great difference in the price. Southern lilac is coming in now, but is received in bad condition and hardly express charges are made out of it. There are no ferns in the market and the scarcity of greens still continues. Smilax is also scarce at 18 and 20 cents per string. A great many of the florists are compelled to use galax leaves for backing.

Notes.

Edward M. Tesson, father of Robert F. Tesson, of Ellison & Tesson, died last Wednesday at 6 o'clock of throat trouble. The funeral was held Thursday morning from St. Ann's Church and was well attended by the florists. The floral decorations were beautiful. The family have the sympathy of all the florists.

Poor Tom Carrell, who left St. Louis about two years ago to try to recover his eyesight, returned last week to attend the funeral of his wife. Hard luck has followed Tom for some time. He is stone blind and has no way of making a living and he is surely an object for charity.

Mrs. F. J. Fillmore has been sick in bed for some time, but from last reports is improving somewhat.

At Kuehn's the past week was seen that fine pink carnation Mrs. Nelson, sent out by E. A. Nelson, of Indianapolis, Ind. Nothing like it has ever been seen in St. Louis and we can safely say that it is the finest pink carnation yet. It has all the requirements, stem, calyx, color and keeping qualities. Mr. Nelson surely has a treasure. Mr. C. A. Kuehn will handle the stock for Mr. Nelson.

The weather has been very cool the last few days, which has had a depressing effect on the plant trade at Union market. The market is fairly alive with plants of all kinds, but very little business will be done in this line until the warm weather sets in for good.

Charles C. Connon, of Webster Grove, Mo., is a candidate for mayor of Webster. Mr. Connon's friends among the craft are confident of his success.

Mrs. H. G. Berning, who has been ill for the past two weeks, is reported somewhat better.

Bowling.

Eight members were present at the bowling club Monday night, and from the scores it will be seen that the rolling was poor. A few weeks of steady rolling will show a great improvement. The scores were as follows:

	1	2	3	4	Total,	Av.
Kuehn	170	138	169	173	650	162½
Weber	147	139	175	140	601	150
Ellison	152	148	149	...	449	150
Kunz	148	157	131	153	589	147
Beneke	132	134	138	176	580	145
Adels	157	147	129	...	433	144
Young	119	129	142	...	391	127
Ellis	87	108	79	139	413	105

Pan-American.

The Missouri commissioners to the Pan-American Exposition at Buffalo are all in St. Louis making preparations for shipping the various exhibits to Buffalo.

Mr. P. M. Kiely, of our city, was appointed agent for St. Louis to furnish the Missouri exhibits at Buffalo with such fruits from this part of the state as may be needed from time to time.

The Missouri State Horticultural Society, which had charge of the state exhibits at the World's Fairs at Chicago and Omaha, is co-operating with the commission at Buffalo. J. J. B.

LARGE GLADIOLUS BULBS.

Among the many interesting items in your most excellent journal I have read with pleasure the articles on gladiolus. That "big" corm reported by Mr. Cowee made me feel like telling of my experience with another "big" one. Two years ago in a mixture bought from Crawford & Co., Cuyahoga Falls, I noticed a very large, coarse looking "bulb" of some three

W. J. Lawrence, President Toronto Florists' and Gardeners' Association.

er more inches across. Planted that season, it threw up five grand spikes of flowers of a beautiful fleshy pink, of large size and good substance.

When I lifted it in fall it had increased seven-fold, each of the seven corms being two inches to three inches in diameter. One of these seven last year gave an immense spike of flowers, the lower two buds breaking into one flower, which in size made a mere microbe of anything in the Childsii or any other of the big things I have yet seen. Unfortunately it had been given to a neighbor, and I thus lost the opportunity of trying it out. E. J. L.

London, Ont.

CHICAGO.

The Market.

Market conditions are rather better than last week, the supply having lessened and the demand increased somewhat. In fact, conditions are very satisfactory for the season, though ruling prices are hardly up to the same time last year. Though there is a good deal of stock in the market, there is none too many good roses to meet the shipping demand, and prices on this grade hold up to $5 and $6. From these rates prices shade down through the various qualities to $2 for the poorest. In Beauties the best bring $3 to $4 and from that down to 75 cents.

Carnations still hold their strong position and are $1.50 to $3 for good and occasionally some fancy sorts bring $4, while again Scotts have been sold at as low as $1.00. Lilies are plenty and are slow movers at from $4 to $6, with some sales of extra at $8 to $10. Tulips, etc., are slow, but are moving rather better than last week.

Club Meeting.

At the meeting of the Florists' Club last Friday evening the attendance was light, as the secretary had overlooked sending out the usual notices. But there was a quorum and some business was transacted. The transportation committee was instructed to issue a general invitation to the florists in Chicago and the west to participate in the trip to Buffalo next August and to endeavor to learn definitely how many would join the party, so the club would be in a position to get the very best possible terms and accommodations. The secretary was instructed to request Messrs. Hawkes, Swenson, Klehm and Kennicott to have their essays ready to read at the next meeting, to be held May 2. The subjects to be covered are hardy plants by the first two and paeonies by the last two.

Various Items.

Several of the down-town retailers have joined forces against the street men and as a result an ordinance was introduced at the meeting of the city council last Monday evening which, if passed, will no donbt keep the flower sellers off of the streets, as they will be "kept moving," and but little business can be done while "moving." The ordinance was referred to the judiciary committee, and as there is some little political influence backing it the street men may soon have an opportunity to take a vacation. But, of course, much depends upon whether counter influences are set at work or not.

If the ordinance goes through it will cut off an outlet for the second and third grade stock and may seriously affect returns from this stock. One commission house looked up their last Saturday's sales tickets to see what proportion of their sales were to street men and found that out of a total of $500 no less than $82 went to basket men and $50 to stand keepers, a total of $138 to street men. They say that but for the street men this stock would have gone to the dump.

The Poehlmann Bros. Company is now fully organized, with John Poehlmann, president; Adolph Poehlmann, vice president, and August Poehlmann, secretary and treasurer. The firm will soon build three houses 25x306 and a ban to 8x306.

Weiland & Risch are preparing to move into their larger quarters in the basement of the building they are now in and are having them fitted up in fine shape. They will then handle the out of two more large growers. They leave broken ground for the range of new houses at their place in Evanston.

E. C. Amling has absorbed the space formerly occupied by George Piepgras, and now occupies the entire floor.

A shipment of trailing arbutus has arrived at Kennicott's.

We have heard of no damage to florists by the storm on Sunday, though the wind was certainly strong enough to endanger weak houses.

At O. J. Friedman's last Saturday evening we noticed a very attractive table center piece arranged by Joe Curran. It was circular in form and filled with valley interspersed with cattleyas.

P. J. Hauswirth had a dinner decoration for a college fraternity last Friday evening, and the society's colors being yellow and lavender he used daffodils and violets throughout. The boutonnieres contained a single yellow narcissus and several violets, the latter being wired to keep them in position.

The daily papers are manifesting much interest in the fact that a "Century Plant" is about to bloom in the conservatory at Washington Park.

At Rogers Park, Henry Phillip is building a range of 60,000 feet of glass.

Bowling.

After the last club meeting a few games were played, and the scores follow:

								Av.
Winterson	151	173	143	130	130	152	197	154
Grant	148	162	155	139	...	...	...	151
Hauswirth	114	142	123	188	177	172	132	150
Kreitling	...	127	111	123	90	176	115	118
Reardon	124	93	107	139	...	...	...	118
McAdams	124	153	106	85	...	...	...	112

It was decided to call a meeting at an early date and inaugurate a series of games to decide the membership of the team to represent the club at Buffalo.

SAN FRANCISCO.

The Market.

Easter trade was good with most of the stores, the only kicks being made by beginners; the old houses did the best business. The weather was splendid and cut flowers were plentiful with the exception of lilinms; they were very scarce, many stores only carrying a few dozen while some had none at all. Trade since Easter has been quiet at most stores and will perhaps remain so until our President McKinley visits us sometime in May. Stock is becoming very plentiful, outside roses are in abundance and prices are taking a downward turn.

Sweet peas have been in market the past two weeks and are splendid in quality.

Prices: Beauties, $1 to $2; Brides, Maids, Kaiserins, 25 to 50 cents; Meteors, 15 to 50 cents; Cecil Brunners,

10 cents; Perles, 10 to 25 cents; Carnots, 50 cents, Liberty, $1 per doz. Carnations: Crocker, 35 to 50 cents; mixed fancy, 25 to 50 cents; Hill, 20 to 25 cents; Scotts, 16¼ to 25 cents; Portias, 12½ to 20 cents per doz. Harrisii, $1 to $2.50; violets, 75 cents; sweet peas, $1.50 to $2.00; callas, 50 to $1 per 100; valley, 25 cents per doz.; asparagus, 10 cents; smilax, 5 cents.

Various Items.

Jacquemet has sold out his business to Dominie.

J. A. Nelson, a member of the firm of Morse & Nelson, Oakland, Cal., died on the 14th of March after a lingering illness. Mr. Nelson leaves a widow and one child to mourn his loss.

The California State Floral Society will hold its annual exhibition on May 16, 17 and 18, in the Ferry building, San Francisco. Exhibits are expected from all parts of the state and an effort will be made to hold a floral congress of the Pacific states during the week of the show.

C. Ferrari & Sons will erect six new houses for roses. Some fine Liberties are now being cut at this establishment.

C. Hasselbacher, Oakland, Cal., is marketing some extra fine buds of Papa Gontier roses of splendid color.

Thomas Sheppard, 13th street, Oakland, did a great shipping business for Easter.

C. C. Abrams, Western Nursery, sold out a batch of azaleas for Easter that might be classed the finest ever seen in San Francisco. They were well done. Sievers & Boland got the bulk of them.

Sievers & Boland made the finest display in San Francisco for Easter. Boxes of valley and tulips done up in crape paper in colors were fine; also the azaleas, two in a pot, red and white, made a handsome present.

Shanahan, Powell street, had a grand display of orchids, in variety, for Easter. They were arranged on a wire stand and never failed to draw admiring crowds to his window. And such rubbernecking at his vase of Hobarts! Buyers hardly knew which to choose, the orchids or the Hobarts. J. N.

NEW BOOKS.

Plums and Plum Culture. A Monograph of the Plums, cultivated and indigenous, in North America; with a complete account of their propagation, cultivation and utilization. By F. A. Waugh. Illustrated, 12mo, pp. 370; cloth. Orange Judd Company, New York. Price, $1.50.

Our American business of fruit growing has expanded tremendously in recent years, and with this expansion has necessarily come specialization. We have reached the stage of specialties and specialists in pomology. Plum culture is one of the most complicated of these specialties; and Professor Waugh is one of the best known of the specialists. The book is a complete monograph of the plums cultivated and indigenous in North America. It will be found indispensable to the scientist seeking the most recent and authoritative information concerning this group, to the nurseryman who wishes to handle his varieties accurately and intelligently, and to the cultivator who would like to grow plums successfully.

The New Rhubarb Culture. A complete Guide to Dark Forcing and Field Culture. How to prepare and use rhubarb. By J. E. Morse and G. Burnap Fiske. Illustrated. 136 pp., cloth. Orange Judd Company, New York. Price, postpaid, 50 cents.

The forcing of vegetables under glass during winter months has taken great strides within the past decade and grown to be a business of large proportions. One of the latest vegetables to receive attention in this line is the common pie-plant or rhubarb. Unlike most of the vegetables used for winter forcing, no expensive structures are required. Cheap board structures are put up and heated with an ordinary stove. In these, rhubarb roots are closely packed and then forced into growth. The resulting product is very handsome in appearance, quality and flavor. The best product is grown in absolute darkness. Mr. Morse, who is an expert gardener, gives in detail the commercial method of forcing, together with the actual cost, yield, and prices which have ruled for several seasons. In part second Mr. Fiske treats of other methods of forcing, as well as systems of outdoor cultivation.

LEGENDS OF THE LILY.

The lily is rich in folk lore and the sacred associations connected with it add not a little to its charm. It has been introduced into many religious ceremonies from the earliest time of the Hindoos and Persians. In the flower lore and legends of the Greeks, Romans and Huns, the lily plays an important part.

One version of the birth of the white lily is that the Virgin Mary, on her way to the temple, plucked a yellow lily growing by the roadside, which became pure white when she pressed it to her heart. "Madonna Flower," "Lily of the Virgin," and "Fleur de Marie," names for the white lily, have reference to this legend. It has always been the emblem of purity, and it figures in the pictures of the various saints who were famed for the purity of their lives, and in nearly all pictures of the angel Gabriel, who is frequently alluded to as the Angel of the Lily.

A German tradition points to the romantic Hartz mountains as the birthplace of the white lily. Another quaint German legend tells of the transition of the lily from white to red in the garden of Gethsemane.

The lily so largely grown for Easter originally came from China. An interesting tale regarding the departure of the lily from its native soil to Japan and later to other countries is as follows:

The Emperor Chow, who reigned over the flowery kingdom 1,000 years ago, was a cruel ruler. Indeed, he often resorted to the most barbarous cruelties for no other reason than to satisfy some passing whim or mood. Finally the closest adviser of the emperor, Li Chung, grew fearful of his life.

Li Chung had in guarded language delicately hinted upon a broader and more charitable treatment of the subjects, but of such reforms the Emperor Chow would have none, and the suggestion only angered him to still greater deeds of violence. Feeling assured that his efforts were fruitless, Minister Li Chung became concerned as to his personal safety and forthwith began to prepare a mode of escape.

He communicated to the emperor a message he had received from the gods in which a great sacrifice of men, women, beasts and fruits was demanded. This sacrifice was to take place upon a distant island and was to bring great prosperity to the nation. This appealed to the emperor's superstitions and bloodthirsty nature and Li Chung was given full authority to carry it into effect. He obtained the finest ship in the royal fleet. He selected a hundred of the strongest young men and most beautiful young women, beasts and fowls of the finest breeds, and for the feast all the delicacies the land afforded, among them the lily bulb "Bak-hap." Then he sailed away and that was the last the emperor ever saw of Li Chung. He sailed to what we know as Japan, and the men and women instead of being sacrificed inhabited and populated this beautiful island. Some of the lily bulbs were planted to reproduce their kind, and in this way the lily became common in the island.

TOMATOES UNDER GLASS.

Will someone kindly answer this through The Review? I have made raising hot house tomatoes a specialty for three years with the following success, the ground used being taken side by side from same place fresh every year.

The first year I used only fresh horse manure in preparing the soil and had strong, healthy plants, with no disease, that yielded about 11 lbs. tomatoes to plant for the season. The second year I used only cow manure with bone meal for top dressing and had some diseased plants; yield about 7½ lbs. tomatoes to plant for the season. The third year I used cow manure in preparing the soil, with cow manure for top dressing. Plants were diseased much earlier in the season with more diseased plants, leaves of plants becoming brown spotted, of a sickly color, stems brittle, breaking like glass; yield about 5 lbs. tomatoes to plant during season.

What manure would you advise me to use and what is the cause of the disease?

B. K. Hedrick.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of all visitors who expect to attend the convention of the S. A. F. in Buffalo.

While it is true that hotel rates will be higher than usual, there are any number of apartment houses that have been fitted out for the accommodation of Pan-American visitors; also private houses in the residence portion of the city, where rooms can be had for $1 and up for each person, and in many breakfast will be served if desired, while other places will give all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same secured in advance by addressing the chairman of the committee, W. A. Adams, 479 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the S. A. F., as the executive committee look to the Buffalo Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one will be overcharged at any place, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

The Committee.

AURORA, ILL.—George Sutphen has opened a store at 29 Downer Place.

DERBY, N. H.—J. D. Purdy has purchased the greenhouse business of W. F. Madden.

BRAINERD, MINN.—M. Betzold has purchased an interest in the Brainerd Greenhouses.

NEW BEDFORD, MASS.—James H. Kelley has started in business at 702 and 704 Acushnet Ave.

MIDDLETOWN, CONN.—F. Fountain opened his new establishment in time for the Easter business.

RICHMOND, IND.—A new house 30x400 is being built for the E. G. Hill Co., by the Lord & Burnham Co.

NEW CASTLE, IND.—The large amount of greenhouse building going on here has created a scarcity of carpenters.

TOLEDO, O.—The Henry Phillips Seed Co. has been awarded a share of the Government seed contract, amounting to $90,005.90.

ALLEGHENY, PA.—Charles Hinkel, an old time gardener, died recently aged 58 years. The business will be continued by his sons.

AURORA, ILL.—It is reported that the C. B. & J. railroad will add several new houses to its greenhouse plant here this season.

BATTLE CREEK, MICH.—John McCrea has retired from the firm of McCrea & Cole and the business will be continued by Levant Cole.

HOLYOKE, MASS.—At a meeting of the Horticultural Society, April 24th, Prof. Kinney lectured on how plants are fertilized by insects.

SANDUSKY, O.—Messrs. C. Hueter and W. Osberg have purchased the business of the Sandusky Floral Company, and will continue it under the firm name of Hueter & Osberg.

AUGUSTA, GA.—Stulb's Nursery reports Easter trade as a good deal better than last year and that it gets better every year, all the florists here selling everything they had.

SAN FRANCISCO, CAL.—At the meeting of the California State Horticultural Society, to be held in this city May 19, Mr. Lester L. Morse, of Santa Clara, will read a paper upon the growing of flower seeds in this state.

PHILADELPHIA, PA.—Andrew S. Carson, for over a quarter of a century head-gardener for the Pennsylvania Railroad, died April 3 at his home in this city. He was born in Ireland in 1826 and came to America in 1870.

COLORADO CITY, COLO.—Stephen Clark has purchased land and will erect a range of commercial houses to cost $3,000. He was formerly chief gardener for Gen. Palmer, of Glen Eyrie. Building operations will start as soon as the weather will permit.

WINNIPEG, MAN.—At a meeting of the Winnipeg Horticultural Society, held April 16 in the Council Chamber, addresses were read by Superintendent S. A. Bedford, of the Experimental Farm, Brandon, and Mr. D. D. England, head gardener of the City Parks board.

THE W. H. MOON COMPANY, Morrisville, Pa., have issued a very attractive catalogue of trees and hardy shrubs and plants, freely illustrated by fine halftone plates from original photographs. Such illustrations are not only handsome, but absolutely truthful, and we are pleased to note their increased use in catalogues.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Some good second hand 2-inch and 1-inch pipe; also a few boxes of 16x18 or 16x16 glass. Burr D. Alton, Fairmount, Minn.

WANTED Young man, with some experience in greenhouse, potting, bedding etc. Gift Floral Co., Richmond, Ind.

FOR SALE OR EXCHANGE—Extra large plants of carnations in bud and bloom for retail trade; A No. 1 varieties, all colors; or will exchange for colens. Address Geo. Stafflinger, Florist, Springville, N. Y.

FOR SALE—Cheap, on account of sickness, one of the best florists' businesses in Chicago; low rent and long lease. T. J. Corbrey, 1405 and 1411 W. Madison Street, Chicago.

WANTED—A single young man, with some experience in greenhouse work; must be willing, able and of good habits; a permanent place if satisfactory to both parties. Law Floral Co., Shelbyville, Ind.

FOR SALE—$1,000.00—In an Ohio college town of 1bt 55x300 feet; 2000 feet of glass, erected 1899, choice location, steam heat, gas or coal; paying business; established 7 years. Address Greenhouse, care of Finley Real Estate Agency, Columbus, Ohio.

SITUATION WANTED—No. 1 all-around florist, with 16 years experience; all branches; wants situation as foreman; capable of handling men; state terms. Address Grower, care of Florists' Review.

WANTED—A young man, for general greenhouse work. Address stating wages with board and room, M. I. O'Brien, Sharon, Pa.

WANTED—To rent, by May or June, a small florists' establishment; in or near Chicago preferred; hot water heating. Address DeWett, care of Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in. guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—Several more rose growers. Wietor Bros., 51 Randolph St., Chicago.

WANTED—A good all-around man for general greenhouse work; must be a hustler and willing to work a month with beginner's wages. Permanent place if satisfactory; 10 hours a day; 6 days's work in ten hours. Address Florist, Box 1, Fremont, Neb.

...WANTED...

Young man or woman to run a florist's store in suburbs of Boston; must be able to make up, do decorating and give best of references. Address FLORIST, Carrier No. 63, Somerville, Mass.

POSITION as Manager or Foreman **WANTED**

by competent man of over forty years experience in all branches of horticulture; at present in second commercial place on shares; best of references; good wages and steady position desired. Address

LOUIS SALINGRE,
care of H. Dreer or H. F. Michell,
PHILADELPHIA, PA.

FOR SALE—Ten greenhouses, about 22,000 ft. of glass, mostly 10x21 glass, heated by hot water. Large brick coal cellars, will hold four cars of coal. The greenhouses are built on a southern slope, and all in good condition, and planted to roses, carnations and bedding stock, all fine order. Also all plants for next year's crops. Two dwellings; one house has six rooms and basement, and other ten rooms and basement, both heated with hot water; separate boilers. Good city water pressure, and a little less than four acres of fine land. Close to cemetery; inside city limits. Fifty miles from Chicago and thirty-five miles from Milwaukee. This place must be seen to be appreciated. Apply to

LEWIS TUENER, Kenosha, Wis.

Mention THE REVIEW when you write.

WANTED! ROSE GROWERS

Good men can secure one of the most desirable positions in the west. Call on E. C. Amling, 32 Randolph Street, Chicago, for particulars.

SOUTH PARK FLORAL CO.,
NEW CASTLE, IND.

...ROOTED CUTTINGS...

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" Blue and White	1.00
Anthemis (dble. yellow Marguerite)	2.00
Chrysanthemum Merry Xmas, best white	2.00
Coleus, separate colors	.75
" fancy and large leaf	1.00
" mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Dahlias, named	3.00
Fuchsia, 8 varieties	1.50

	Per 100
Fuchsia, Sunray	$2.00
" Trailing Queen	2.00
Forget-me-not (White)	2.00
Heliotrope	1.25
Ivy, German	1.25
" English	1.00
Impatiens Sultani	2.00
Lantana, assorted	1.50
Lemon Verbena	1.00
Lobella	1.00
Manettia Bicolor	1.50
Petunias, double flowering	1.25
" single	1.25
Pyrethrum, Little Gem	1.50
Salvia, Golden Spotted	3.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, Variegated	1.50
Tradescantia tricolor	1.25
Vinca Var	1.25
Verbenas	.75

VINCA VAR. Extra large and long vines, at $10.00 and $15.00 per 100.

GERANIUMS.

	Per 100
"Best, S. A. Nutt, etc	$2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought, and Mme. Bruant	2.00
P. v. Rezzy	2.50
Good bedding varieties	1.75
Mixed unnamed varieties	1.50
Mme. Salleroi	1.25
Mrs. Parker	4.00
Silver Leaf	1.50
Ivy Leaf, named	1.50
" mixed	1.00
L'Elegant Variegated Ivy	4.00
America	6.00
Rose Scented	1.50
Double New Life	3.00

New set of 20, $1.00 postpaid.

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Variegated, 2¼-in	4.00
Asp. Sprengeri, 2-in	3.00
" 2½-in	4.00
Cobea Scandens, 2¼-in	3.00
Coleus, 2-in	3.00
Daisy, Snowcrest, 2¼-in	4.00
" 3-in	6.00

	Per 100
Fuchsia, Tr'ng Queen, 2¼-in	$4.00
Forget-me-not, 2½-in	5.00
Geraniums—Bronze, Silver Leaf, Freak of Nature, 2¼-in	4.00
Mrs. Parker, 2½-in	6.00
Common Named, 2¼-in	3.50
L'Elegant (Var. Ivy), 2-in	6.00
Hydrangea, P. & W., 3-in	6.00

	Per 100
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var., 2¼-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00
Pyrethrum, Little Gem, 2-in	2.00
" 3-in	5.00

Terms Cash or C. O. D.

GREENE & UNDERHILL, - - WATERTOWN, N. Y.

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McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

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Mention THE REVIEW when you write.

SAMUEL S. PENNOCK. Wholesale Florist

Open from 7:00 A. M. to 9:00 P. M.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

GRAND RAPIDS, MICH.

Various Items.

Such weather as we have been having passeth understanding. A two weeks' record shows two sunshiny days, warm, snow, rain, cloudy and frozen. Two nights the temperature was as low as 16 degrees and one florist, Bruinslot & Sou had a leaky boiler.

Roses are plentiful and of good quality and the demand is equal to the supply of good stock. Carnations continue scarce, particularly white, which is hard to get in sufficient quantities to fill shipping orders. Bulb stock is about over, unless in lilies; Easter misses are coming in steadily.

The following is the history of 1,000 Harrisii bought as A1 stock to be forced for Christmas. Of the lot, 400 never came up; of the remaining 600, 300 flowered from Dec. 20 to Jan. 10, from one to four flowers each; 200 took their time from then till Easter and the remaining 100 will be on hand for next Christmas. Shall we grow some more?

James Schols has been confined to his bed with rheumatism for the past four weeks, unable to set his foot on the ground. In the meantime Mrs. Schols attends to the business and manages things in fine shape. Mr. Schols has the sympathy of the trade.

Mr. Boddington has just paid us a two days' visit and reports trade good.

N. B. Stover of Granville reports a good Easter trade. He is rebuilding all his old houses into one range.

G. F. C.

A POWER OF GOOD.

I wish to state that the Review has been a power of good to me, giving more information than I could obtain from other journals of a similar kind.

C. A. Rieman.

Connersville, Ind.

Bowling Green, O.—Geo. A. Heinl, the Toledo florist, has arranged with A. V. Powell, of this place, to take orders for his flowers and floral designs.

Hackensack, N. J.—Ralph D. Lydecker will retire from the florists' business on May 1.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

NOVELTIES

OF REAL MERIT are always worthy an investment. They always bring good returns.

WE HAVE THEM. All the leading Novelties in Geraniums, including the best of last years' and 1899 varieties. This year's leader is our new dwarf "Little Pink." No doubt you have heard of it. The only dwarf Geranium ever awarded Certificate of Merit by the S. A. F. "Clyde" is the best Mammoth Bruant of its color. Strongest grower we know of. An A No. 1 bedder. All of this year's New Carnations, also standard sorts.

Send for our descriptive price list, which also tells you something of the best Garden Wheel Hoe on earth.

W. E. HALL, CLYDE, O.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, William Warner Harper, Prop., Chestnut Hill, Phila., Pa

Burpee's Seeds Grow

SPECIAL IN.....

GERANIUMS.

10,000 4-inch. 5,000 3-inch. 5,000 2½-inch.

RED, WHITE, PINK and SALMON. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention THE REVIEW when you write.

Sweet Peas

FOR EARLY FLOWERS.

SADIE BURPEE, white, from 3-in. pots, $3.50 per 100.

CHARLES E. MEEHAN, Slocum & Musgrove Sts., Germantown, Phila., Pa.

Mention The Review when you write.

BOSTON FERNS,

2½-in. pots, 5 to 7 fronds, will grow into value quickly, $3.00 per 100; $25.00 per 1000.

COLEUS, 2-in. pots, a splendid assortment of the best varieties, $2.00 per 100; $15.00 per 1000.

Clematis Paniculata, from flats, $1.50 per 100.

Asparagus Tenuissimus, 2½-in., $3.00 per 100.

Canna Austria, started plants, $3.00 per 100.

Moonvine (white) $2.50 per 100.

Boston Ivy, $2.50 per 100.

THE JOHN A. DOYLE CO., Springfield, Ohio.

Mention The Review when you write.

NEW RED CANNA Ad. Dewey,

Extra large flower and truss on stout erect stems; color, bright orange scarlet and early, free and continuous bloomer. Strong started plants, $20.00 per 100.

Carnation Pot Plants—see classified list.

HARKETT'S FLORAL NURSERY, DUBUQUE, IOWA.

Mention The Review when you write.

Clematis! Clematis!

WE OFFER STRONG TWO-YEAR-OLD PLANTS

Boskoop Seedling, Duchess of Edinburgh, Gypsy Queen, Henryi, Jackmanni, Mme. Baron Veillard, Mme. Van Houtte, Miss Bateman, Standishi, The Gem, The President, $3.00 per dozen, $25.00 per 100.

Clematis Crispa and Coccinea, $1.00 per doz., $7.00 per 100.

Clematis Panienlata and Flammula, $1.00 per doz., $8.00 per 100.

Jackman's New Hybrid Clematises, Countess of Onslow, Duchess of Albany, Duchess of York and Grace Darling, strong, healthy, pot-grown plants, 75 cents each.

Clematis Indivisa, not hardy, but the grandest of all cool greenhouse climbers; see description in our 1901 catalogue. Extra heavy plants, 75 cents each.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention THE REVIEW when you write.

Hardy Cut FERNS $1.50 per 1000

Also

Bronze and Green GALAX, A-1 Stock.

Write for prices on Galax in large quantities.

HENRY M. ROBINSON & CO.

32, 34, 36 Court Square, BOSTON, MASS.

Mention THE REVIEW when you write.

J. L. ELLIOTT'S

PURE PULVERIZED **Sheep Manure**

and Pure Raw Bone Flour for sale.

Sample and price list mailed on application.

Office and Factory.... 645 Canal Street, Bethlehem, Pa.

Mention THE REVIEW when you write.

COLEUS.

VERSCHAFFELTII, GOLDEN BEDDER, YELLOW QUEEN and MIXED.

ROOTED CUTTINGS or 2-INCH POTS.

Write:

GEO. A. KUHL, PEKIN, ILL.

Mention THE REVIEW when you write.

HARDY WATER LILIES, Also the SACRED LOTUS and its varieties, EGYPTIAN LOTUS,

By mail, 50c each. Extra large tubers, by express, $1.00 each. Catalogue free.

W. J. RICHARDS, Wayland, Portage Co., Ohio.

Mention The Review when you write.

J. AUSTIN SHAW,

271 Broadway, NEW YORK, Special Agent for

BAILEY'S "CYCLOPEDIA."

Three Volumes Now Ready.

Pay **$2.00** monthly if you prefer. Express prepaid. Send order and three volumes will be forwarded immediately.

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A few hundred left of the following choice varieties:

PENNSYLVANIA The new Hybrid Orchid Flowering Canna. Bright crimson color, immense flowers, fine green foliage. A free bloomer. Every one ought to try it. Price, potted plants, $1.00 postpaid; $10.00 per dozen by express.

	Per 100
OLYMPIA, Bluish purple	$10.00
MARTHA WASHINGTON, pink	10.00
CONQUEROR, large flowering variety	20.00
LURAY, bright pink. Tremendous bloomer	10.00
BUTTERCUP, best yellow. Always bright	10.00
ROSEMAWR, light rose pink	8.00
SHENANDOAH, pink flower, purple foliage	10.00
BLACK PRINCE, dense maroon, large flowers	10.00
IMPROVED PILLAR OF FIRE, bright crimson scarlet. Contrasts splendidly with Alsace in bedding	6.00
GLORIOSA, variegated, enormous spikes	6.00
PHILADELPHIA, bright crimson, sheds old flowers. Is always bright	4.00
DUKE OF MARLBORO, rich maroon, great bloomer	4.00
IMPROVED DUCHESS OF MARLBORO, bright pink	6.00
YELLOW CROZY, good yellow	6.00

	Per 100		Per 100
Pres. McKinley	$4.00	**Alphonse Bouvier**	3.50
Pres. Cleveland	4.00	**Paul Marquant**	3.50
Mlle. Berat	4.00	**Allemania**	6.00
Florence Vaughan	4.00	**Italia**	6.00
Chas. Henderson	4.00	**Bonbak**	4.00
		Austria	3.00

Order Quick, before they are potted up.

THE CONARD & JONES COMPANY.....WEST GROVE, PA.

Mention THE REVIEW when you write.

I HAVE 25,000 SHADE TREES of Sugar Norway, Silver-leaved, Ash-leaved and Scarlet Maples, 1½ to 3 inches diameter. Elms and Lindens, 12 to 16 ft. 1000 White Birch, 8 to 10 ft. 2000 Purple-leaved Beech, 4 to 9 ft. 2000 Hydrangea Pan. Gran., XX strong. 10,000 Evergreens, all sizes and kinds. 5000 Arbor-Vitæ Trees, 4 to 7 ft. 2000 Retinospora Aurea and Colorado Blue Spruce, 3 to 5 ft. 5000 Clematis Pan. Gran. and other large flowering sorts, XX strong. 20,000 California Privet, 2 to 5 ft. 10,000 Hardy Roses. 2000 Crimson and Yellow Ramblers, all X strong, on own roots. Fruit Trees, all kinds, many in bearing sizes. Rhododendrons and Hardy Azaleas, XX large. Asparagus Plants. 200 Golden Oaks, 8 to 10 ft. Florists. Landscape Architects, Superintendents of Parks and others wanting stock should call on me or write.....**STEPHEN CRANE,** Proprietor Norwich Nurseries, **NORWICH, CONN.**

MIXED FERNS

Five or six varieties for Ferneries. Write

GEO. A. KUHL....PEKIN, ILL.

Don't Forget Our Bostons.

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SMALL PLANTS ALL SOLD.

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199 Grant Avenue, Jersey City, N. J.

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Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention THE REVIEW when you write.

ERIE, PA.

During Friday evening and Saturday morning Erie was visited by the worst snow storm known in this section. The storm began in earnest Friday evening at about 8 o'clock and continued throughout the night and Saturday until about 3 in the afternoon. The wind blew from the northeast at an average velocity of about 30 miles an hour, attaining at times a speed of 30 to 40 miles.

The heavy, soft snow, driven before the gale, drifted roadways in many places to a depth of four feet, and was packed solidly against all exposed objects. Overhead wires soon grew to the size of cables, and under the weight of the heavy, clinging stuff, poles gave way and wires snapped by the dozens. Several horses were killed by having come in contact with live wires, and it was only by the merest chance that no person was killed.

Business was at a standstill; many of the stores closed at 3 o'clock on Saturday. Some of the local florists ran out of coal and were forced to burn wood, it being impossible to draw coal through the heavy drifts. In many cases the snow had to be shoveled from the houses to prevent their collapsing. The damage is widespread and we may be very grateful it did not occur Easter week.

"ERIE."

THE Chicago Tribune is offering liberal prizes for the best garden and best window box in the various divisions of the city this summer. Prizes are offered to the residents of the north, south and west sides, and in each case the first prize for best garden is $75 and the second prize is $25. For best window box, first prize is $15 and the second prize is $5. If these prizes are generally competed for, it will undoubtedly result in developing a lively interest in plants and flowers.

DALLAS, TEX.—The new houses to be built this season by the Texas Seed and Floral Co. will consist of three 150x35 for roses and two 150x14 for small shipping plants. The reason for putting in reservoir, tanks and pumping machinery is that city water is high here and money can be saved by having their own waterworks. The company has ten acres of American Beauty roses now in bud outside, and they are in fine shape.

OWATONNA, MINN.—L. P. Lord & Co. have succeeded Lord & Johnson, Mr. Johnson remaining as working foreman. The firm reports Easter trade as at least 35 per cent better than last year, with a notably increased call for decorative plants. They increased their capacity about 25 per cent last year, and hope to add another 25 per cent this year to keep up with the growing demand.

WILLIAMSPORT, PA.—Daniel E. Gorman will soon build a new house 50x100. Mr. Gorman is the florist against whom a novel suit was brought by a neighbor who complained that the reflection of the sun from the greenhouses made his residence less desirable. Mr. Gorman will now change the angle of the roof to 70 degrees, or build a small house in front of it.

AUBURN, IND.—Fleming & Haebich have dissolved partnership. The business will be continued by W. G. Haebich, who has purchased the greenhouses.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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Write for special quotations on large orders.
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All telegraph and telephone orders given prompt attention.
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Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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WHOLESALE FLORIST,
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WEILAND & RISCH can save you money on

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We are extensive growers and have unsurpassed shipping facilities.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of **CUT FLOWERS** at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. **BEAUTIES and METEORS in quantity.** TRY US.

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ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered NOW FREE

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Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.

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Mention The Review when you write.

Geraniums! ...Coleus!

10 varieties, 2½-inch pots, $3.00 per 100.
10 varieties, 3½-inch pots, $4.00 per 100.

		Per 100
Alternantheras	Yellow	$1.50
	Red	2.00
Asparagus	Sprengeri	2.00
	Plumosus	3.00
	Decumbens	10.00
Vinca Vines, 2 var		2.00

15 varieties, 2-inch pots, $2.00 per 100

	Per 100
Centaurea Gym	$2.00
Verbenas, 15 var	2.00
Pansy Plants	1.50
Pansy, small seedling, 1000, $3.00	.50
Ageratum, blue	2.00
Smilax. May 15	1.25

CASH OR C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

Mention THE REVIEW when you write.

Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootons, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, Brides, Maids, etc.

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 3- and 2½-inch. Extras.

CANNAS in 4-inch.

VINCAS, PELARGONIUMS, etc.

Write us about **BOSTON FERNS.**

COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Asparagus.

		Per 100
Plumosus, 3-inch, strong, $10.00; 4-inch		$15.00
Sprengeri, 2-inch, $3.00; 3-inch, $5.00; 4-inch		12.00
Primula Chinensis, white and pink, 3-inch		6.00
" " " " 4-inch		10.00
Rex Begonias		5.00
Ageratum Stella Gurney and Princess Pauline		3.00
Alyssum Large Flowering and Tom Thumb		3.00
Agathea Blue Daisy		4.00
Abutilons Mixed		4.00
Begonias, Rubra		4.00
" Flowering in variety		2.50
Cannas... per 100, $5.00	Geraniums	4.00
Cuphea... " 3.00	German Ivy	4.00
Coleus... " 3.00	Feverfew, 3-inch	5.00
Fuchsias... " 3.00	Hibiscus, 4-inch	10.00
Lantanas... " 4.00	Marguerite Daisy	4.00
Lobelia... " 3.00	Salvias	3.00

I. N. KRAMER & SON,
Cedar Rapids, Iowa.

Mention The Review when you write.

Now Is Your Chance

	Per 100
Hydrangeas, 6-in. pots	$30.00
Vincas, variegated, 4-in. pots	12.00
Ivy Geraniums, fine collection, 2½-in., $2.50 per 100; 3-in., $5.50 per 100; 3½-in.	4.00
Heliotrope, 3-in.	3.00
Ferns, out of beds	3.00
Geraniums, mixture of 50 varieties, 2½-in.	2.50
Storks, for Decoration Day	.75
Aster Plants, all leading sorts	.50

CASH WITH ORDER.

CONVERSE GREENHOUSES, Webster, Mass.

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VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting. 15 cts. per 100; **$1** per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching, small plants ready for transplanting, 15c per 100; 75c per 1000; $5.00 per 10,000. If by mail add 10c per 100.

LETTUCE.—Grand Rapids, Curled Simpson and other varieties 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

ROOTED CUTTINGS.

Verbenas, 35 varieties, 60 cts. per 100; $5.00 per 1000; 2½-in., $2.00 per 100; $18.00 per 1000. Coleus, 30 varieties, 60 cts. per 100; $5.00 per 1000. Heliotrope, 14 varieties, **$1.00** per 100; $8.00 per 1000; 2½-in., $2.00 per 100, $18.00 per 1000. Ageratums, 3 var., 60 cts. per 100; $5.00 per 1000. Lantanas, 4 var., $1.25 per 100. Salvias, 3 var., $1.00 per 100. Giant alyssum, $1.00 per 100. Express prepaid on all rooted cuttings. Cash with orders.

Write **S. D BRANT, Clay Center, Kans.**

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Wholesale Florists,

RICHMOND, INDIANA.

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BULBS and PLANTS.

DAHLIAS, mixed, $3.00 per 100.
GLADIOLUS, mixed, nice per 100.
STRONG CARNATIONS, 2½-inch, $2.50 per 100.
BOUVARDIAS ... $3.00 per 100.

LEVANT COLE, -- BATTLE CREEK, MICH.

Mention THE REVIEW when you write.

Plant of Nephrolepis Wittboldii.

"A Most Valuable Decorative Fern."

Philadelphia, Feb. 2, 1901.

The Geo. Wittbold Co., Chicago, Ill.

Gentlemen: We are much pleased with the Nephrolepis Wittboldii; the specimen plant which you recently sent shows the character of the plant very nicely. Its bold heavy foliage, which is made to appear very light and graceful by the wavy edge, should make this a most valuable decorative fern, for which there is room alongside the Boston fern.

We see no reason why the plant should not become just as popular as this valuable variety.

Yours very truly,

HENRY A. DREER, Inc. J. D. E.

NEPHR

THESE three engravings proved to be even bett Note the growth in th is no speculation in in

Remember we are nc will in

We are offering

$1.(

The demand wil

A Dozen Plants now will be the best investment you ever ma

SEE OUR OFFERS OF **PALMS, FERNS, ASPARA CYCAS and IVIES**

The GEO. WITTBOLD CO.

EPIS WITTBOLDII

aphs tell a story that should interest you because it means money to you. This fern has rcial plant than we anticipated, and we had a mighty good opinion of it at the start, too. ung plants in the photograph. It is a fern that you cannot afford to be without. There grand money-making Nephrolepis.

nch of Nephrolepis Wittboldii.

"The Great Fern of the Future."

Newark, Ohio, Dec. 27, 1900.

The Geo. Wittbold Co., Chicago.

Gentlemen: Please ship to me as soon as possible 300 more of your Nephrolepis Wittboldii.

The plants I received from you a short time ago are doing so nicely that the more I see of them the more I am convinced that Wittboldii is the Great Fern of the Future, and I feel I cannot get too heavy a stock.

And I know that every enterprising florist will purchase a stock of it as soon as he sees what a grand decorative plant it will make. Wishing you a prosperous New Year, I remain. Yours truly, A. J. BALDWIN.

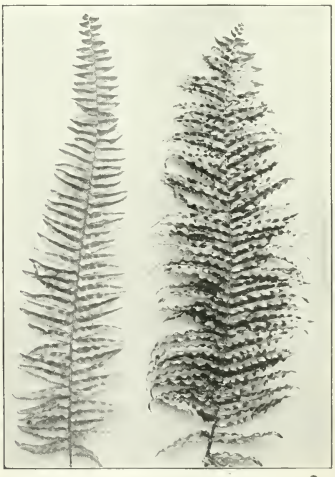
weak, puny plants, but Strong Vigorous Stock that oduce runners if planted out in bench.

ady for 3 and 4-inch pots at

.00 per doz., $75.00 per 100.

next year and you ought to have a stock ready.

Send in your order now.



Frond of N. Bostoniensis. Frond of N. Wittboldii.

ED ADVS. IN THIS ISSUE
VIEW.

Buckingham Place, CHICAGO, ILL.

KANSAS CITY, MO.

The volume of Easter business exceeded that of last year by a very satisfactory margin. The kind of weather which inclines to discourage the florist at such times and is most favorable to the umbrella man visited us on Monday and remained until Saturday morning, when the storm abated and business came our way with the force of a Texas "gusher," lasting up to Sunday noon. As stated in my last notes we were never better supplied with flowering plants, which were most in demand, the lily taking the lead, with sales nearly double those of a year ago. Of cut flowers there was plenty, showing 20 per cent increase in sales. Very few fancy baskets or novelties were used (they are not profitable here yet), but the single plant and pans of assorted stock found a ready sale.

Bulbous stock was "par excellence," and we doubt if there were any better displays in the country than those seen at the establishments of Samuel Murray and W. J. Barnes. Much credit is due these gentlemen, both for the quality of their stock and the satisfactory way in which it was handled.

Arthur Newell gave his store a spring cleaning and made every preparation for a big trade, and he was not disappointed. A shipment of fancy carnations from the Chicago Carnation Company he retailed at $2.50 per doz. Arthur is mourning the loss of his pet alligator, which departed this life in time to avoid the Easter rush.

W. L. Rock's new store was ready for occupancy and was well advertised. It required a force of ten hands at his two stores to handle his trade, some of them working all Saturday night at filling orders.

Our lady florists are all wearing new hats and a prosperous smile. Miss Dalley, Eleventh street, reports a large Easter trade, and says it could not have been better with her. Miss Dalley carries a fine grade of stock and believes in a generous window display. H. J. M.

UTICA, N. Y.

The florists of this city had a meeting the evening of April 18, and organized the Utica Florists' Club, with the following officers: President, Harry Mathews; vice president, W. A. Rowlands; secretary, F. E. Shaw; treasurer, C. F. Seitzer; executive committee, F. J. Baker, J. C. Spencer and William Mathews. Other members are Peter Crowe, A. R. Wilcox, Jesse Williams, Henry Martin, H. Belmont, Donald MacLean, Louis Jones, William Death, James Toomey, Charles Mathews. Meetings will be held the first Thursday of each month at 183 Genesee street.

ALL SOLD.

Please discontinue the dahlia and gladiola advs. Have sold all I have to spare. The F. R. is all right. E. Haentze.
Fond du Lac, Wis.

The Finley Lawn Rake Company, Joliet, Ill., send us some of their new printed matter illustrating their 1901 model of the rotary lawn rake. It is very attractively gotten up and the letters of recommendation are remarkably strong, representing every section of the country. This rake promises to be as indispensable as the lawn mower.

Special Trade List for the month of APRIL.

	Per 100
Edelweiss; The Queen of the Alps. Produces a beautiful white, everlasting flower, useful in finest design work; 2-inch pots	$ 3.00
Alyssum Double Giant, 2½-inch pots	3.00
Ageratum Princess Victoria Louise, new, 2½-inch pots	3.00
" Princess Pauline, 3-inch pots	3.00 -
" dwarf, dark blue, 3-inch pots	3.00
Clematis, large-flowering varieties, 2 years old per doz., $4.00	
Clematis Paniculata, 2 years old, 4-inch pots	10.00
" 1 year old, 3-inch pots	5.00
Carnation Ethel Crocker, strong plants, 2½-inch pots	3.00
" Lizzie McGowan and Wm. Scott, 2½-inch pots	2.00
Geraniums, best bedding varieties, strong plants, 3-inch pots	6.00
" America, the best single light pink, 3-inch pots	8.00
" Mars and Le Pilot, 3-inch pots	5.00
Lobelia Pumila Splendens, new, dark blue, white eye, 2½-inch pots	4.00
" Emperor William, 2½-inch pots	3.00
Periwinkle, variegated, 2½-inch pots	3.00
Passiflora Coerulea, 3-inch pots	5.00
Salvias Splendens and Clara Bedman, 2½-inch pots	3.00

CHRYSANTHEMUMS. White—Ivory, Bergmann, Merry Monarch, Mrs. H. Robinson, Lady Fitzwygram. **Yellow**—Major Bonnaffon, Mrs. N. N. Jones, Mrs. Whilldin, W. H. Lincoln, Modesto. **Pink**—Glory of the Pacific, Mrs. Perrin, Pink Ivory, Marquis de Montmort.

Dracæna Indivisa, strong plants, 5-inch pots, $3.00 per dozen.

C. EISELE, 11th and Jefferson Sts., Philadelphia.

Mention The Review when you write.

Trees, Vines, Shrubs, Hedging.

2,000	*Beech.* European and Purple Leaved.
3,000	*Elms.* American and European.
500	*Japan* Ginkgo.
2,000	*Lindens.* American and European.
1,000	*Magnolias.* In variety.
50,000	*Maples.* Norway, Sugar, etc.
10,000	*Oaks.* Pin, Red, Scarlet and English.
10,000	*Oriental Plane.* 6 to 12 feet.
75,000	*California Privet.* 1 & 2 yrs.
1,000,000	*Shrubs.* All varieties & sizes.
10,000.	*Clematis Paniculata.*
10,000	*Rosa Wichuraiana* & Hybrids.
5,000	*Rosa Multiflora Japanicas.*
10,000	*Honeysuckles.* Halia', etc.
5,000	*Dahlias.* Whole roots.
100,000	*Asparagus.* Very strong; 5 varieties.
2,500	*Rhododendrons, Azaleas* and *Kalmias.*
500,000	*Evergreens.* Of all sizes, including Hemlocks, Norways, Colorado Blue, Oriental and Weeping Spruces, Arbor-Vitaes, Retinosporas, Pines in variety. Root pruned and sheared specimens.

Trade list; also new illustrated retail catalogue free.

THE WM. H. MOON CO., MORRISVILLE, PA.

Mention THE REVIEW when you write.

PANSIES AND VERBENAS.

Pansies—Large transplanted plants of Bugnots, Cassiers and Odier, 50c per 100, $3.00 per 1000. Extra large plants, coming in bud, $1.00 per 100. Mammoth Verbenas, large plants, red, white, blue and pink separate or mixed, 60c per 100, $4.00 per 1000; 2-inch, in large bud, $1.25 per 100.

Geraniums—Nutt, Grant, Red Bruant and La Favorite, 4-inch, in bud, bloom or with ut, $6.00 per 100. Heliotrope, potted, mixed, $1.00 per 100. Ageratum Blue Beauty, rooted, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention THE REVIEW when you write.

Beauty and D. Champion TOMATO PLANTS.

in flats, 15c per 100, $1.25 per 1000.

Smilax from flats, 30c per 100; $2.50 per 1000. **Asparagus P. Nanus** from flats, $1.75 per 100; $15.00 per 1000. 100 large pot-grown **Lorillard Tomato Plants** left at 5c each. **German** and **Kenilworth Ivy**, 60c per 100.

Cash with order please.

MRS. GRISWOLD, Worthington, Ohio.

Mention The Review when you write.

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

Brinkerhoff & Barnett Engraving Co.

300-306 Dearborn St., CHICAGO.

Mention The Review when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata Gaillardia Grandiflora, Gypsophilia Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyeus Latifolius, **$5.00** per 100. **Primula Veris and Aquilegia Chrysantha**, 2½-in., **$2.00** per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, in fine sorts; rooted cuttings $1.25 per 100, postpaid. 2½-in., $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 85 W. 12th St., Holland, Mich.**

Mention The Review when you write.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

Special Bargains

PLANTS FOR DECORATION DAY!

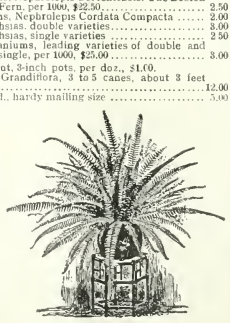
Better get your stock now for Baskets and Vases and for bedding out, before it is all sold. Don't put it off until you can't get it.

We offer good stock of the following articles, all from 2½-inch pots, except where noted.

Asparagus Plumosus Nanus.

	Per 100
Honeysuckles, 3 sorts	$2.00
Heliotropes, 6 sorts	1.50
Hibiscus, 10 sorts, extra fine plants, 3 in. pots	4.00
	Per 100
Ivy, English	$2.50
Jasmine, Maid of Orleans	3.00
Jasmine, Grand Duke	3.50
Lemon Ponderosa, the Giant Lemon, fruit weighs 2 to 4 lbs., a great pot plant	6.00
Lantanas, Weeping, fine for baskets and vases	2.00
Lily Candidum, fine bulbs	4.00
Myrtus Communis, sweet German Myrtle	2.50
Orange Otaheite	3.00
Orange Otaheite, 3-in. pots	4.00
Primula Forbesii, or Baby Primrose	2.00
Primula Obconica	1.50
Primrose, Chinese, white and pink	2.50
Pteynum Variegatum, elegant foliage	2.50
Plumbago Sanguinea, pink flowers	3.00
Palms, Corypha Australis	3.00
Palms, Areca Lutescens, 3 plants in a pot, 4-inch pots, $2.00 per doz.	
Palms, Areca Lutescens, 3 plants in a pot, 3-inch pots, 75c per doz.	
Hoya Carnosa, wax plant, 3-inch pots, per doz., $1.00.	
Hydrangea Paniculata Grandiflora, 3 to 5 canes, about 3 feet in height	12.00
Hydrangea Pan. Grand., hardy mailing size	3.00
	Per 100
Palms, Latania Borbonica, 3-inch pots, 60c per doz.	
Palms, Latania Borbonica, 6-inch pots, 4 to 5 leaves, $6.00 per doz.	
Palms, Phœnix Canariensis, 3-inch pots, 60c per doz.	$2.50
Russelias, 3 sorts	2.00
Sanseveria Zeylanica	2.00
Swainsona, white and pink	2.50
Stephanotis Floribunda	3.00
Spirea Anthony Waterer, the new red Spirea	2.00
Smilax, 2-inch pots, per 1000, $12.00	1.50
Tuberoses, fine bulbs, per 1000, $5.00.	
Vinca Variegata, white and green foliage, fine for baskets and vases, we have 50 000 plants to offer, per 1000, $17.50; $2.00 per 100	
Violets, Swanley White, Lady Hume Campbell and Russian, per 1000, $20..	2.25

	Per 100
Alyssum Sweet	$1.50
Ageratums, 4 sorts	1.50
Asparagus Sprengeri	2.50
Asparagus Plumosus Nanus, fine young plants from 1½-inch pots. Have 25,000 to offer. Per 1000, $22.50	2.50
Asparagus Scandens Dumlex, the elegant new Asparagus, fine plants, 12 inches high in 3 inch pots. Try it. $3.00 per doz.	
Acalypha Sadderi	3.00
Acalypha Marginata	2.50
Acalypha Triumphans	2.50
Acalypha Tricolor	2.50
Abutilons, 6 colors	2.00
Begonias, flowering varieties, 10 sorts	2.50
Bougainvillea Sanderiana, fine plants, per 1000, $45.00	5.00
Calla Alba Maculata, the spotted calla; large bulbs, 2 to 3 inches in diameter that will bring 4 to 6 blooms	4.00
Caladium Esculentum, strong bulbs	3.50
Carex Japonica, fine for vases	2.50
Cannas, 6 leading varieties, fine plants, well established in pots	3.50
Chrysanthemum (new) Timothy Eaton. This is the best white chrysanthemum for florists. Offered for the first time this year. Fine plants $2.50 per doz.	
Clerodendron Balfouri	2.00
Coleus, in best bedding varieties, per 1000, $18.00	2 00
Crytomeria Japonica, the Japanese Cedar, 3-inch pots, $1.00 per doz.	
Cyclamen Persicum Giganteum	2.50
Calla Lilies, blooming bulbs	3.00
Dracaena Indivisa, fine plants, per 1000, $25.00	3.00
Ferns, Nephrolepis Exaltata	2.00
Ferns, Nephrolepis Bostoniensis, The Boston Fern, per 1000, $22.50	2.50
Ferns, Nephrolepis Cordata Compacta	2.00
Fuchsias, double varieties	2.00
Fuchsias, single varieties	2.50
Geraniums, leading varieties of double and single, per 1000, $25.00	3.00



Our new April Wholesale Catalogue is just issued and will be mailed to all applicants. Write for it today.

THE GOOD & REESE CO.

The Largest Rose Growers in the World. **SPRINGFIELD, OHIO.**

KALAMAZOO, MICH.

Since Easter trade conditions have been in every way satisfactory. Roses have been in good demand at fair prices. Carnations are becoming more plentiful; the demand is still ahead of the supply.

The craft here are all ready to start planting out carnations just as soon as weather will permit. The number put into the field this year will exceed that of last year. The Van Bochove Bros. will this year bench a large quantity of last year's introductions, which they have been testing and found to be suitable to their soil. Ethel Crocker has proved with them to be one of the best, possessing a good constitution, exempt from stem rot and rust, a continuous bloomer and a good shipper. Lawson has quite come up to its recommendation, and will be given a good deal of bench room. Marquis is a grand flower, strong grower and healthy, but both here and at the Dunkley establishment it has proved lazy; they will try it again. Peru is with them one of the best whites, very prolific and a good keeper. Morning Glory also has done well, and will be planted largely in the place of Daybreak. Among the standard sorts Joost is exceptionally fine and has entirely displaced Scott.

The celery men are very active preparing the land for the early crops of Kalamazoo's famous product; a few fields have already been planted, but the cold of the past few days has killed them, and they will have to be reset. The hotbeds are filled with millions of young plants ready for setting in the open field as soon as weather permits.

Visitor, Mrs. Foster, Plainwell, Mich.

RIBES.

HARTFORD, CONN.

Easter trade averaged good considering the existing circumstances, it being the rainiest Easter week on record. Stock of all kinds was plentiful, excepting carnations and prices were about the same as last year. In the plant line azaleas and lilies were in most demand.

Carnations were very scarce and but few good ones could be had. Some very fine Brides and Maids were in the market and found ready sale. Violets were in abundance as were tulips, daffodils and mignonette. There was a noticeable increase in demand for plants over that of last year.

The receipts perhaps were a little ahead of last year and had the weather been more favorable the receipts would have been 25 or 35 per cent more. Most of the dealers had stock left over.

J. F. COOMBS.

ASHLAND, KY.—Wm. H. Carp is building a new house 18x60.

ROSES from 5-in. pots, at 8c; fine clean plants. Clothilde Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Coquette des Alpes, Malmaison, etc. Large flowered **Clematis**, finest purple, white and lavender sorts, extra strong, 3-year, 30c; fine 2-year, dormant or from 5-in. pots, 8c; fine 1-year at very moderate prices. **Clematis Paniculata**, strong dormant plants, 8c; from 5-in. pots, 10c. **Peonies**, strong roots, best red sorts, 5c. Also several thousand Houghton and Smith Imp. **Gooseberry**, 1 year, branched and rooted layers, fine for mail trade, at $5.00 per 1000; 75c per 100. Downing Gooseberry, heavy 2-year plants, $1.75 per 100. Packing free for cash.

W. H. SALTER, ROCHESTER, N. Y.

Mention The Review when you write.

CARNATIONS. Rooted Cuttings, Ethel Crocker, $2.25; Flora Hill, $1.75; Webb, $1.25; Scott, 90c; McGowan, 90c; Cartledge, $1.00; Keller, $1.50 per 100.

ARNO S. CHASE, Cumberland Center, Me.

Mention The Review when you write.

ROSE PLANTS and Carnation Cuttings.

This stock is in fine condition and is sure to give satisfaction.

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty,	**$8.00**	**$75.00**	**Bride,**	**$3.00**	**$25.00**	**Golden Gate,**	**$3.00**	**$25.00**
Bridesmaid,	**3.00**	**25.00**	**Meteor,**	**3.00**	**25.00**	**Kaiserin,**	**3.00**	**25.00**

Perle, $3.00 per 100; **$25.00** per 1000.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine	$7.00	$60.00	Marquis	$3.00	$25.00	Argyle	$1.00	$9.00
Guardian Angel	4.00	35.00	Genevieve Lord	3.00	25.00	Evanston	1.00	9.00
Sunbeam	10.00	75.00	Crocker	2.50	20.00	Frances Joost	1.00	9.00
Bon Homme Richard	10.00	75.00	Peru	2.50	20.00	Cerise Queen	1.00	9.00
Nydia	10.00	75.00	Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Prolifica	10.00	75.00	Mrs. Bradt	2.00	15.00	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill	1.00	9.00
Mrs. Lawson	6.00	55.00						

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

ONLY A FEW THOUSAND LEFT.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 2-inch, **$20.00** per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

AMERICAN BEAUTIES!

Strong Plants from 2x3-inch pots, ready for a shift.

$6.00 per 100; - - $50.00 per 1000.

JOSEPH HEACOCK, WYNCOTE, PA.

Mention THE REVIEW when you write.

Grafted Roses.

LIBERTY

$18.00 per hundred.

MAIDS, BRIDES, GOLDEN GATES,

$12.00 per hundred.

$110.00 per thousand.

CHOICE PLANTS, 3-INCH POTS, READY FOR IMMEDIATE PLANTING.

10 Sample Plants, to Florists Only, for $1.00.

J. L. DILLON, - BLOOMSBURG, PA.

New Roses

THE BALTIMORE (Certificated), of the largest size, flowers throughout the entire season, **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street, **BALTIMORE, MD.**

Mention The Review when you write.

THE LARGEST FANCY CARNATION...

PROSPERITY.

A few thousand ready for immediate delivery. All orders filled in strict rotation.

Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00
100 " 16.00; 250 " 37.50; 500 " 70.00
750 " 101.25; 1000 " 130.00.

Write for full description.

DAILLEDOUZE BROS., Flatbush, N. Y.

Mention THE REVIEW when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention THE REVIEW when you write.

50,000 Rooted Carnation Cuttings.

from Soil and Sand — now ready. Standard Varieties and Novelties.

ROSES from 3 inch pots, Brides and Maids, $3.00 per 100. Ready for a shift. Write for catalogue.

CRABB & HUNTER, GRAND RAPIDS, MICH.

Mention The Review when you write.

Grafted Roses. Liberty $18.00 per 100.

Maids, Brides, Golden Gate, $12.00 per 100; **$110.00** per 1000.

Strong plants, grafted on Manetti Stock, ready for 4-inch pots, warranted to be first class.

Meteors and Brides, own root, **$3.00** per 100; **$25.00** per 1000.

CHRIS. HANSEN, - ST. PAUL, MINN.

Mention THE REVIEW when you write.

Your Last Chance on GERANIUMS....

40,000 Rooted Cuttings Ready to Ship.

Our last crop of Geraniums which we will offer in rooted cuttings is now ready. Our stock is all grown in benches the same as roses and carnations, consequently our cuttings are far superior to the stuff chopped off of pot plants most generally sent out. Strong selected top cuttings, well rooted, ready for 2½-inch pots of the following superb varieties: — Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. L. M. Gaar and La Favorite, $2.00 per 100; $18.00 per 1000. Sweet Scented, strong plants, $2.50 per 100. Mme. Salleroi, strong 2½-in., $2.00 per 100.

PETUNIAS, double fringed, 8 novelties, White Fawn, Snow-Ball, Mrs. F. Sander, Pink Beauty, Fantasia, Helen Gould, San Juan and Bonnie, 20,000 strong rooted cuttings, well rooted, that will make saleable plants in a short time, and ready for immediate delivery, $1.00 per 100; $10.00 per 1000, in variety. Any special variety, $1.50 per 100.

ALYSSUMS, California Giant, for vases and baskets, and Little Gem, for borders; strong 2½-in., $1.75 per 100; $15.00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

CARNATIONS!

THREE GOOD PINKS.

Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

HARDY PHLOX

Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at **$5.00** per 100 and rooted cuttings at **$1.25** per 100 or **$10.00** per 1000. I have some ten thousand of these growing now and ready for sale.

ALBERT M. HERR, - LANCASTER, PA.

Mention THE REVIEW when you write.

On Top-As Usual....

At Baltimore meeting of American Carnation Society OUR EXHIBITS OF

The Lawson

was awarded the

...Gold Medal...

in heavy competition against all comers. The Society's **SILVER CUP** for best arrangement of blooms, and **FIRST PRIZE** for 100 best dark pink. My stock is in grand condition.

Rooted Cuttings, per 100, $7.00
" " per 1000, $60.00

PETER FISHER, - Ellis, Mass.

Mention The Review when you write.

SELECTED CARNATIONS.

	Per 100	Per 1000
The Marquis, largest rich pink	$1.00	$35.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

GEO. HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LAST CALL! LAST CALL!

FOR GOOD CARNATION CUTTINGS.

	Per 100	Per 1000
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00

	Per 100	Per 1000
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Marquis, pink	4.00	35.00
Genevieve Lord, pink	3.50	30.00
Ethel Crocker, pink	3.50	30.00
G. H. Crane, scarlet	3.00	25.00
Mrs. Geo. M. Bradt, var	3.00	25.00
Gold Nugget, yellow	2.50	20.00
Chicago, scarlet	3.00	25.00
Olympia, variegated	5.00	40.00
Gen. Gomez, crimson	2.00	15.00
Gen. Maceo, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Argyle, pink	1.50	12.00
Wm. Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, var	1.00	8.00

CHICAGO CARNATION CO.....Joliet, Ill.

Mention THE REVIEW when you write.

WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

THE COTTAGE GARDENS, - QUEENS, N. Y.

Mention The Review when you write.

Norway — The Queen of Commercial White Carnations.

Scored 91 points at Baltimore. Awarded First Prize for 100 white. Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment.

Egypt — A Most Distinct Dark Variety,

rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz; $10.00 per 100; $75.00 per 1000.

Genevieve Lord

The Greatest Money-Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. **$5.00** per 100; **$50.00** per 1000

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON.

A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; **$5.00** per doz.; **$30.00** per 100.

Complete List of Other Novelties and Standard Varieties. Catalogue ready; write for it.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; $75.00 per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, var., trailing, $1.50 a 100; 3-in., $6.00 a 100. Greene & Underhill, Watertown, N. Y.

Abutilons. Eclipse, Souv. de Bonn, $2.50 per 100. C. L. Reese, Springfield, Ohio.

Abutilons, 6 colors; 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

ACALYPHA.

Acalypha Sanderi, 2½-in., $3.00 per 100; Acalyphas marginata, triumphans and tricolor, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

If you read these advs. others would read yours.

AGERATUM.

Ageratums. Per 100: Princess Victoria Louise, new, 2½-in., $3.00; Princess Pauline, 3-in., $3.00; dwarf, dark blue, 3-in., $5.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 238, Nashua, N. H.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100, dark blue. R. Vincent, Jr., & Son, White Marsh, Md.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum, 3 vars., R. C., 60c per 100; $5.00 per 1,000. Express prepaid. S. D. Brant, Clay Center, Kan.

Ageratum Blue Beauty, new; best dwarf; rooted 75c per 100. S. Whiton, 15-17 Gray Ave., Utica, N. Y.

Ageratum, 2½-in., 4 sorts, $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Ageratum, blue, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Ageratum Princess Pauline, 2½-in., $1.75 per 100. Morris Floral Co., Morris, Ill.

ALTERNANTHERA.

Alternantheras. Red, strong, bushy plants, well colored, 3 to 4-in. in dia., $5.00 per 1,000. Strong rooted cuttings ready for open ground, red and yellow, $3.00 per 1,000; 2,000 for $5.00. Dickerson & Belden, Box 275, Miami, Fla.

Alternantheras, aurea nana and paronychioides major, rooted cuttings, 60c per 100; $5.00 per 1,000, prepaid. Cash.
G. W. Weatherby, Chillicothe, Mo.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

20,000 alternantheras, red and pink, strong 2½-in., $1.50 per 100.
Morris Floral Co., Morris, Ill.

Alternantheras, red and yellow; good rooted cuttings, $4.00 per 1,000; 100 by mail, 50c.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

Sweet Alyssum. Double Dwarf Little Gem in 2½ in. pots, $2.25 per 100; $20.00 per 1,000. First class stock. Cash with order, please. William H. Kuld, Norwood, Mass.

California Giant, for vases and baskets, and Little Gem, for borders, 2¼-in., $1.75 per 100; $15.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Alyssum. Double Giant, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Giant alyssum, rooted cuttings, $1.00 per 100. Express paid. S. D. Brant, Clay Center, Kan.

Alyssum, var., 2¼-in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Alyssum. Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Sweet alyssum, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Alyssum Double Giant, $2.50 per 100. C. L. Reese, Springfield, Ohio.

AMPELOPSIS.

	100.	1,000.
Ampelopsis Veitchii, 2 to 2½ ft.....	$5.00	$40.00
Ampelopsis Veitchii, 1½ to 2 ft.....	4.00	30.00
Ampelopsis Veitchii, 1 to 1½ ft.....	2.50	20.00

For fruit, shade, ornamental trees, evergreens, vines and perennial plants write us your wants. Klehm's Nurseries, Arlington Heights, Ill. 'Phone 222.

AQUATICS.

Hardy water lilies; also the sacred lotus and its varieties. Egyptian lotus by mail, 50c each, extra large tubers by express $1.00 each. Catalogue free. W. J. Richards, Wayland, Ohio.

ASPARAGUS.

Asparagus Sprengeri, 2½-in., $2.50 per 100. A. plumosus nanus, fine young plants, 2½-in., $2.50 per 100; $22.50 per 1,000. A. scandens duplex (the elegant new asparagus), fine plants 12 inches high in 3-in. pots, $2.00 per doz.
Good & Reese Co., Springfield, Ohio.

	Pot.	Doz.	100.
Sprengeri	3-inch	50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, 2,000 strong, well grown seedling plants, $1.50 per 100; $12.50 per 1,000. Every one a good plant.
Rose Floral Co., Evansville, Ind.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 50c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $2.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Asparagus plumosus nanus seed, new crop now ready, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus, per 100: Sprengeri, $2.00; plumosus, $3.00; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, from flats, $1.75 per 100; $15.00 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

Asparagus Sprengeri, extra strong and heavy plants, from 2½-in. pots, $4.00 per 100.
Vick & Hill Co., Rochester, N. Y.

Asparagus Sprengeri, 3½-in., $4.00, and A. plumosus nanus, 3-in., $3.00 per 100.
Morris Floral Co., Morris, Ill.

500 Asparagus Sprengeri, extra strong, 2½-in. pots, $2.00 per 100; 3-in., $3.50 per 100.
Geo. Just, Jacksonville, Fla.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, 2¼-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

500 big 4-in. Sprengeri, $6.00 per 100. Cash. Roney Bros., West Grove, Pa.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100.
Greene & Underhill, Watertown, N. Y.

Asparagus tenuissimus, 2¼-in., $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Ostrich Feather, white, ditto pink. Giant Branching mixed, and Daybreak; Semple's Branching, in five colors, 50c per 100. After May 15, Semple's at $2.50 per 1,000.
A. & G. Rosbach, Pemberton, N. J.

Asters, white, pink and lavender, best strain for cut flowers, 1½ in. pots, $1.50 per 100. C. L. Reese, Springfield, Ohio.

Asters. Semple's mixed, from seed bed, $1.00 per 1,000; 5,000 per 10,000. H. W. Wieland, Newtown, Bucks Co., Pa.

Asters, white branching, 35c per 100; $2.50 per 1,000. W. D. Chase & Son, New London, Ohio.

Asters, all leading sorts, 50c per 100. Cash. Converse Greenhouses, Webster, Mass.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

BEDDING PLANTS.

Nice Strong Plants—Geraniums, double and single, 50 best named varieties, largely of the Bruant type, 2½ in., $2.50 per 100; Mme. Salleroi, 2 in., fall struck, bushy, 2½ cts.; Mrs. Parker, double silver-leaved, 50 cts. per doz.; Italia Unita, silver tricolor, strong grower, 40 cts. per doz.; Mrs. Pollock, tricolor, 40 cts. per doz.

Variegated Vinca, 2, 2½ and 3 in., 2 cts., 3 cts. and 5 cts.

Flowering Begonias, 10 varieties, 2½ in., $2.50 per 100.

Alternanthera, strong. Fall struck from boxes, red and yellow, $1.00 per 100.

Double Feverfew, 2 in., $2.00 per 100.

Trailing Lobelia, from boxes, transplanted, 75 cts. per 100. Cash with order, please. Cottage Rose Garden, Columbus, O.

Geraniums, 4-inch pots.....per 100, $6.00
Geraniums, 3-inch pots,
Ready May 1.....per 100, 4.00
Salvias, 4 varieties, 4-inch pots...per 100, 6.00
Salvias, 4 varieties, 3-inch pots....per 100, 4.00
Salvias, 4 varieties, 2½-inch pots...per 100, 2.00
Ageratum, Stella Gurney,
3-inch pots.....per 100, 3.00
Coleus, 2¼-inch pots.....per 100, 2.00
Dracaena fruticosa, 4-inch pots....per 100, 8.00
Vinca Variegata, 5-inch pots....per 100, 12.00

Also a full line of all other Bedding Plants. Write for prices. Satisfaction guaranteed.
Low express rates.
J. S. Bloom, Riegelsville, Pa.

Geraniums, 16 varieties, including Poitevine, S. A. Nutt, Bril. and Single Grant, La France, etc., 4-in., $3.00 per 100; same in 3-in., $3.00 per 100. Ivy geraniums, double, white, red and pink, 3-in., 60c per doz. Carnations, 2½-in. pots or from flats, Scott, McGowan, $1.00 per 100, $8.00 per 1,000; Flora Hill, $1.50 per 100, $12.00 per 1,000. Alternanthera plants, red and yellow, $1.50 per 100, $12.00 per 1,000. Hardy ivy, 4-in., $3.00 per 100. Vincas, 5-in., 2 var. green and white in bloom, $1.50 per doz., $8.00 per 100. Cash with order. Alex Schultz, Phillipsburg, N. J.

Centaurea gymnocarpa, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Gymnocarpa grown cold, 2-in., $1.50 per 100. Mrs. A. L. Myers, Bluffton, Ind.

Centaurea gymnocarpa, $2.50 per 100. C. L. Reese, Springfield, Ohio.

BEGONIAS.

Begonias. Pres. Carnot, Argentea Guttata, Bertha de Chatesnaye, Poitosa, Fairy, $3.00 per 100. Manicata aurea, 3-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonias, etc., in shape to retail, $2.00 and $2.50 per 100. Send for list. E. G. Hunyar, Independence, Mo.

Begonias, flowering varieties, 10 sorts, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

BOUGAINVILLEA.

Bougainvillea Sanderiana, fine, 2½-in., $5.00 per 100; $45.00 per 1,000. Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BOUVARDIA.

Bouvardias, $3.00 per 100. Levant Cole, Battle Creek, Mich.

BULBS.

Tuberous begonias, single, separate color or mixed, $2.00 per 100; double, $4.00 per 100. Gloxinias, brilliant colors, $2.50 per 100, $20.00 per 1,000. Caladium esculentum, 5-9 in., picked bulbs, $4.00 per 100. Gladioli, true sort, May, 100, $2.00; 1,000, $17.00. American hybrids, grandest bloom, 100, $1.00; 1,000, $8.50. H. H. Berger & Co., 47 Barclay St., New York.

Calla lilies, blooming bulbs, $3.00 per 100. Lily candidum, fine bulbs, $1.00 per 100. Tuberoses, fine bulbs, $5.00 per 1,000; Calla alba maculata (spotted calla), large bulbs, 2 to 3 inches in dia., will bring 4 to 6 blooms, $4.00 per 100. Caladium esculentum, strong bulbs, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Caladium esculentum, 5 to 7 size, 100....$2.50
Caladium esculentum, 7 to 9 size, 100.... 4.00
Caladium esculentum, 9 to 11 size, 100.... 7.00
Tuberoses, first size, Pearl......$5.00 per 1,000
Tuberoses, second size, Pearl.... 3.50 per 1,000
Don't fail to get our 12-page catalog; just issued. PLANT SEED CO., St. Louis, Mo.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; $2.50 per 100. A few vinca minor left at $1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, $1 50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

CLOSING OUT SALE—28,000 extra fine tuberose bulbs for spring planting. Per 1,000: 4½ to 6 in. in cir. $2.50; 4 to 6 in. in cir., $2.00; 3 to 4½ in. in cir. $1.00. F. O. B. here. Order quick before sold. L. W. Boney, Wallace, N. C.

I am now prepared to quote prices on all summer, fall and winter bulbs, tuberous roots and plants. Send in your lists, prices will be cheerfully submitted. F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Tuberoses, Double Pearl, largest size, 80c per 100; $5.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Caladium esc., 1st size, 9-12, $4.00 per 100; 2nd size, 7 to 9, $2.00 per 100. B. H. Ritter, Port Royal, S. C.

CACTI.

Phyllocacti, six choice varieties. Cereus flagelliformis, C. grandiflorus, E. C. procumbens, mamillaria, Nuttalii, $1.00 per doz. Aloe picta, A. Vera, Striped Century, $1.50 per doz. Echeveria californica, a fine bedder, $3.00 per 100; rooted offsets, $1.25 per 100. For all orders before June 1 $7.00 worth of plants may be selected for $5.00. Cash with order.
Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Cannas. Pennsylvania, the new hybrid orchid-flowering canna; potted plants, $1.00 postpaid, $10.00 per doz. by express. Olympia, bluish purple; Martha Washington, pink; Luray, bright pink; Buttercup, best yellow; Shenandoah, pink flower; Black Prince, deep crimson maroon, $10.00 per 100. Conqueror, large flowering, $20.00 per 100. Improved Pillar of Fire, bright crimson scarlet; Gloriosa, variegated; Improved Duchess of Marlboro, bright pink; Yellow Crozy, good yellow; Allemania and Italia, $6.00 per 100. Philadelphia, bright crimson; Duke of Marlboro, rich maroon; Pres. McKinley, Pres. Cleveland, Mlle. Berat, Florence Vaughan, Chas. Henderson and Burbank, $4.00 per 100. Alphonse Bouvier, P. Marquant and Austria, $3.00 per 100. Order quick before they are potted up. CONARD & JONES CO., West Grove, Pa.

Strong plants from 3-in. pots. Mme. Crozy, Florence Vaughan, Pres. Cleveland, J. Montell and Chas. Henderson, $3.50 per 100. Italia, Sunray, Eldorado, Burbank and Austria, $2.50 per 100. Also 500 dormant roots, 2 to 3 eyes, of Austria and Italia, $1.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Started ready for pots. Italia, Austria, Asia, Crozy, Marquant, Henderson, Kaiser Wilhelm, A. Bouvier, Queen Charlotte, Burbank, Vaughan, $3.00 per 100. Swainsona Alba, 2½ in., $2.50 per 100. Cash with order. J. H. Rainsbury, Leonia, N. J.

Cannas, 3½-in. pots. Allemania, Lorraine, Pres. McKinley, Pres. Cleveland, Chicago, Papa, Fl. Vaughan, Yellow Crozy, Kronos and other good varieties, $4.00 per 100; $35.00 per 1,000. C. G. Nanz, Owensboro, Ky.

The new red canna, Admiral Dewey, extra large flower and truss, free and continuous bloomer. Strong started plants, $20.00 per 100. Harkett's Floral Nursery, Dubuque, Ia.

Cannas. Chas. Henderson, A. Bouvier, L. E. Baly, F. Vaughan, Burbank, Egandale, Mme. Crozy, Queen Charlotte, in variety, $[illegible] per 100. A. J. Baldwin, Newark, Ohio.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $1.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas, 6 leading varieties, fine plants well established in pots, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Canna Roots—Austria and Chas. Henderson, $1.50 per 100. Cash with order. J. B. Baker, Aberdeen, Md.

Canna Austria, started plants, $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Austria, strong, started plants, $3.00 per 100. C. L. Reese, Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, fine for vases, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

sorts.	100.	1,000.
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

Last call for good carnation cuttings.

	100.	1,000.
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00
Mrs. Thos. W. Lawson, cerise pink	6.00	50.00
Marquis, pink	4.00	35.00
Genevieve Lord, pink	3.50	30.00
Ethel Crocker, pink	3.50	30.00
G. H. Crane, scarlet	3.00	25.00
Mrs. Geo. M. Bradt, var.	3.00	25.00
Gold Nugget, yellow	2.50	20.00
Chicago, scarlet	3.00	25.00
Olympia, variegated	5.00	40.00
Gen. Gomez, crimson	2.00	15.00
Gen. Maceo, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Argyle, pink	1.50	12.00
Wm. Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, var.	1.00	8.00

CHICAGO CARNATION CO., Joliet, Ill.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Carnations from soil and sand. Mrs. Lawson, $6.00 per 100; $55.00 per 1,000. Marquis and Lord, $4.00 per 100; $35.00 per 1,000. Crane, Bradt and Crocker, $3.00 per 100; $25.00 per 1,000. Maceo, $2.50 per 100; $20.00 per 1,000. Joost, White Cloud and Dean, $2.00 per 100; $15.00 per 1,000. McGowan and Scott, $1.25 per 100; $10.00 per 1,000. W. Nelson, Box 1450, Paterson, N. J.

ROOTED CARNATION CUTTINGS. All [illegible] sold under the [illegible] it is to be [illegible] will be refunded.

	100.	1,000.
[illegible] Leopold Ine	[illegible]	[illegible]
[illegible] Angel	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible] Homme Richard	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible] Lord	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible] Joost	[illegible]	[illegible]
[illegible] Queen	[illegible]	[illegible]
[illegible] Griggs	[illegible]	[illegible]
White Cloud	[illegible]	[illegible]
Flora Hill	[illegible]	[illegible]

PETER REINBERG, [illegible] Ave., Chicago, Ill.

Carnation cuttings from [illegible]. Lawson, [illegible] per 100; $5[illegible] per 1,000. Marquis, Lord, $[illegible] per 100; $[illegible] per 1,000; Crocker, Bradt, Crane, Maceo, $2[illegible] per 100; $20.00 per 1,000. White Cloud, Dean, $2.00 per 100; $[illegible] per 1,000. Daybreak, New York, Scott, McGowan, $1.00 per 100, $8.00 per 1,000. Joost, $[illegible] per 100; $10.00 per 1,000. Asparagus plumosus and A. Sprengeri, ready for 2½-in. pots, $2.00 per 100. Vinca var. from 4-in., $8.00 per 100. Cash with order. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Lawson, $7.00 per 100; $60.00 per 1,000. Olympia, Estelle, $6.00 per 100; $50.00 per 1,000. Marquis, Lord, Elm City, $5.00 per 100; $40.00 per 1,000. Crocker, Crane, America, Nugget, L. Paul, $2.50 per 100; $23.00 per 1,000. White Cloud, Jubilee, Hill, $2.00 per 100; $15.00 per 1,000. Scott, Armazindy, Eldorado, Evanston, Dana, Meteor, Victor, $1.00 per 100; $10.00 per 1,000. Dana R. Herron, Olean, N. Y.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000.
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO.,
Nixon H. Gano, Mgr., Martinsville, Ind.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

New pink carnation Guardian Angel. A sport from Armazindy. Good size, a good producer, fine stiff stem and a good keeper. A first-class commercial pink carnation. Rooted cuttings, $6.00 per 100; $50.00 per 1,000. Guardian Angel Orphan Asylum, 401 Devon Ave., Sta. Y., Chicago.

Carnation rooted cuttings. Ethel Crocker and Mary Baker, $2.50 per 100, $20.00 per 1,000; Flora Hill and Triumph, $1.50 per 100, $12.50 per 1,000; Marquis, $3.00 per 100; Crane, $2.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

Carnation pot plants, well established, ready to plant out. Per 100: Genevieve Lord, Marquis, Morning Glory, $4.00; Crocker, Crane, $3.00; Mary Wood, F. Hill, F. Joost, $2.75. Harkett's Floral Nursery, Dubuque, Iowa.

Carnation rooted cuttings. Per 100: Ethel Crocker, $2.25; Flora Hill, $1.75; Webb, $1.25; Scott and McGowan, 90c; Cartledge, $1.00; Keller, $1.50. Arno S. Chase, Cumberland Center, Maine.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Healthy rooted cuttings from sand or soil. Wm. Scott, 75c per 100; $6.00 per 1,000. Helen Keller, 90c per 100. Snowdrift, $1.50 per 100. Cash. John R. Shreiner, Lancaster, Pa.

Ethel Crocker, strong plants, 2½-in., $3.00 per 100. Lizzie McGowan and Scott, 2½-in., $2.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000.
PETER FISHER, Ellis, Mass.

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CARNATIONS—Continued.

Gov. Roosevelt, the finest carnation yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

All this year's new carnations, also the standard sorts. Write for descriptive list. W. E. Hall, Clyde, Ohio.

Prosperity, the largest fancy carnation. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Ethel Crocker, well-rooted stock from sand, $2.50 per 100; $20.00 per 1,000. Geo. R. Geiger, Nazareth, Pa.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Three good pinks, Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100. Albert M. Herr, Lancaster, Pa.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

Strong carnations, 2½-in., $2.50 per 100. Levant Cole, Battle Creek, Mich.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz.; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums. White—Ivory, Bergmann, Merry Monarch, Mrs. H. Robinson, Lady Fitzwygram. Yellow—Bonnaffon, Mrs. N. N. Jones, Lincoln, Mrs. Whilldin, Modesto. Pink—Glory Pacific, Mrs. Perrin, Pink Ivory, Marquis de Montmort. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Chrysanthemums. Fine plants from 2½-inch pots, in approved best 50 varieties, for pots and cut flowers. List free on application. My selection, $25.00 per 1,000. Theo. Bock, Hamilton, Ohio.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

W. R. Smith, Dailledouze, M. Bonnaffon, H. Robinson, F. Hardy, Jerome Jones. Extra fine rooted runners, $1.50 per 100. A. J. Baldwin, Newark, Ohio.

Yellow Queen, Mrs. H. Robinson, W. H. Chadwick, Golden Wedding, rooted cuttings, $2.00 per 100; 2-in., $3.00 per 100. F. R. Hills, Maywood, Ill.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Chrysanthemums from flats, $1.00 per 100, $8.00 per 1,000; 2½-in. pots, $2.00 per 100, $15.00 per 1,000. All good var. C. G. Nanz, Owensboro, Ky.

Chrysanthemum Timothy Eaton, the best white for florists, fine plants, $2.50 per doz. Good & Reese Co., Springfield, Ohio.

Chrysanthemums. Glory Pacific, Modesto, Blackhawk; good strong 2½-in., $2.50 per 100. Harry White, New Holland, Ind.

CLEMATIS.

Strong 2-year-old plants of Boskoop Seedling, Duchess of Edinburgh, Gypsy Queen, Henryi, Jackmanni, Van Houtte, etc., $3.00 per doz.; $25.00 per 100. Crispa and coccinea, $1.00 per doz.; $7.00 per 100. Paniculata and flamula, $1.00 per doz.; $8.00 per 100. Indivisa (not hardy), extra heavy plants, 75c each. Jackman's new hybrid clematises, Countess of Onslow, Duchess of Albany, Duchess of York and Grace Darling, pot grown plants, 75c each. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 6-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 6-in., 10c. W. H. Salter, Rochester, N. Y.

Clematis, large-flowering varieties, 2-yrs., $4.00 per doz. C. paniculata, 2-yrs., 4-in. pots, $10.00 per 100; 1-yr., 3-in., $6.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Clematis, dormant, 10 best large flowering kinds. Strong 2-yr., $2.00 per doz., $15.00 per 100. Strong 2-yr., in 4 and 5-in. pots, same price. F. A. Baller, Bloomington, Ill.

100 Clematis paniculata, 1 year, transplanted, $1.25, mailed free. John H. Ley, Good Hope, D. C.

Clematis paniculata, from flats, $1.50 per 100. John A. Doyle Co., Springfield, Ohio.

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Coleus, 2¼-in., $1.50 per 100, $15.00 per 1,000; 25 varieties, mixed; all top cuttings, well established; ready to pot up and propagate and guaranteed satisfactory in every particular. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1,000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Golden Bedder, 2-in., $1.50 per 100; $14.00 per 1,000; rooted cuttings, 60c per 100. Mixed coleus, fine assortment, 55c per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus Verschaffeltii and Golden Queen, 75c per 100, $6.00 per 1,000; good assortment, 50c per 100, $4.00 per 1,000. 2½-in. pots, $2.50 per 100. S. S. Peckham, New Bedford, Mass.

Coleus, good assortment; cut back; branched and containing some cuttings, 2½-in., $2.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Verschaffeltii, Golden Bedder, Yellow Queen or mixed. Rooted cuttings or 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, in best bedding varieties, $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Coleus, the best varieties, 2-in., $2.00 per 100; $15.00 per 1,000. John A. Doyle Co., Springfield, Ohio.

Coleus. Rooted cuttings, 30 varieties, 60c per 100; $5.00 per 1,000. Express paid. S. D. Brant, Clay Center, Kan.

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Coleus. 15 varieties, 2-in., $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

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Cycas revoluta stems. The true long leaved sort. Our specialty for 16 years, during which we have supplied the American and European market. Sizes from ½ to 25 lb. stems, 100 lbs., $10.00; 500 lbs., $40.00. H. H. Berger & Co., 47 Barclay St., New York.

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Cyclamen grand, spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1,000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1,000. C. Winterich, Defiance, Ohio.

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Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the beat. W. W. Wilmore, Dahlia Specialist, Box 382, Denver, Col.

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Dahlias, mixed, $3.00 per 100. Levant Cole, Battle Creek, Mich.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

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Marguerites, white and yellow, 2½-in., $2.00 per 100. E. G. Bunyar, Independence, Mo.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

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Dracaena indivisa, strong plants, 5-in. pots, $3.00 per doz. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

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We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
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The above from 2-inch pots are just right for fern dishes.
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100 ferns from flats, nice plants, 5 good sorts, $1.25, mailed free; $10.00 per 1,000 by express. 100 Boston ferns, strong, 3-in. pots, $4.00. John H. Ley, Good Hope, D. C.

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For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

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Geraniums. Strong selected top cuttings, well rooted, ready for 2-in. pots of the following superb varieties: Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $2.00 per 100; $18.00 per 1,000. Sweet Scented, 2¼ in., $2.50 per 100. Mme. Salleroi, 2¼-in., $2.00 per 100. Buckley Plant Co., Springfield, Ill.

Geraniums, leading varieties, all in bud and bloom, 2 in., $2.00; 2½ in., $2.50, 3 in., $3.00; 4-in., $5.50 per 100, by the 1,000 at same rate. They are fine, strong plants, just right to pot up. We have strong, bushy plants of Mme. Salleroi from 2¼-in. pots and will sell at $1.75 per 100. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

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Geraniums. Per 100: DeRoo Mitting, yellow foliage and dbl. scarlet bloom, $20.00. Dbl. Snowdrop, $15.00. Jean Viaud, 3-in., $10.00. Choice mixed, 3-in., $5.00. Morris Floral Co., Morris, Ill.

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S. A. Nutt, Murkland and Double Grant, 2½-in., $2.50 per 100; rooted cuttings, $1.25 per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

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Geraniums, a good assortment, 2½-in., $2.00 per 100. Cash. Geo. W. Weatherby, Chillicothe, Mo.

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Gladioli. Fine mixture of light shades. Will sell at remarkably low figures till stock is reduced. Also surplus of Hydrangeas, Spireas, Currants, etc. Write for prices (no printed list). Southern Vermont Nursery, North Bennington, Vt.

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60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

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Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

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Norway maples for everybody,
High branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small,
At prices to suit all; catalogue free.
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Hollyhocks. Double 1 year field [illegible] separate colors, $2.50 per 100. Also [illegible] $5.00 per 100. Golden Glow, $4.00 per [illegible]. Hardy phlox, $5.00 per 100. Hardy [illegible], paeonias, dahlias, gladioli, etc. Send for list. W. W. Willmore, Box 382, Denver, Colo.

2,000 Norway maples, 3 to 4 inches caliper and 14 to 15 ft. in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

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Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
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25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous and Alpine plants. Field-grown. A complete assortment of old and new varieties. The Blue Hill Nursery, So. Braintree, Mass. Correspondence solicited.

2,000 Irish Juniper, 2 to 3½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Multigrafted maples from Japan. A bouquet of foliage of most brilliant tints. Each, 50c; doz., $5.00. H. H. Berger & Co., 47 Barclay St., New York.

Sweet Williams, finest colors, strong plants, $1.00 per 100; $8.00 per 1,000. Samples free. I want some Storm King dahlias. S. J. Galloway, Eaton, Ohio.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1,000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Dicentra spectabilis, field-grown, $55.00 per 1,000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1,000. S. E. Hall, Cherry Valley, Ill.

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Rudbeckia Golden Glow, 500 good plants, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

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Heliotrope rooted cuttings, 14 varieties, $1.00 per 100, $8.00 per 1,000, express paid; 2¼-in., $2.00 per 100, $18.00 per 1,000. S. D. Brant, Clay Center, Kan.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 6 sorts, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Heliotrope, 3-in., $3.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

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Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $2.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, mixed, 2½-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

HIBISCUS.

Hibiscus, 10 sorts, extra fine, 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangea paniculata grandi., 3 to 5 canes, about 2 feet in height, $12.00 per 100; mailing size, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Hydrangeas Thos. Hogg and Otaksa, 2-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

Hydrangeas, 6-in., $20.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Send in your order now for a copy of the Florists' Manual.

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English Ivies, 200-300, 3-4 ft. high, 4-6 sprays, $25.00 per 100. Also some 2 year old, trained on sticks, well-grown plants, 300-200 of them, $45.00 per 100. Boston Ivies, in 5-in. pots, $10.00 per 100. H. Pritchard, Manager Rose Cottage Nursery, Bartow St., Astoria, L. I. City, N. Y.

Ivy, Fine stock from 3 to 4 feet, bushy plants, $12.00 per 100. Myrtle, large field-grown clumps, extra heavy, $60.00 per 1,000. J. Hauck, 86 S. Grove St., East Orange, N. J.

English Ivies, 5-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

German and Kenilworth ivy, 60c per 100. Mrs. Griswold, Worthington, Ohio.

English ivy, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Boston ivy, $2.50 per 100. John A. Doyle Co., Springfield, Ohio.

German ivy, 2½-in., 2½c. Cash.
G. W. Weatherby, Chillicothe, Mo.

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Weeping lantanas, fine for baskets and vases, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Lantanas, good assortment, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

LOBELIA.

Lobelias. Per 100. Pumila splendens, new, dark blue, white eye, 2½-in., $4.00; Emperor William, 2½-in., $3.00. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Lobelia, dwarf and trailing, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moonvines, 2-in., $2.00; 2½-in., $2.50, 3-in., $2.50 per 100; fine strong plants from seed; pure white and cheaper than you can grow them. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Moonvines white, $2.50 per 100. John A. Doyle Co., Springfield, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

ORANGES.

Otahelte Oranges. Per 100, 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, O.

Otahelte, 2½-in., $1.00; 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $7.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeony chinensis in mixture, 2 and 3-year old roots per doz., $1.00; per 100, $5.00; per 1,000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Paeonies, best florists' sorts, all colors, $12.00 per 100. F. A. Baller, Bloomington, Ill.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per 25 Doz.	Per 100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	5 to 6	.75	7.20	60.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	....	$ 1.50	$ 12.00
3	10 to 12	4 to 5	....	2.00	15.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	6 to 6	.75	7.20	60.00
6	28 to 30	5 to 6	1.25	15.00	125.00
6	30 to 34	6 to 7	1.50	18.00	150.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼	3	....	....	$0.60	$ 5.00
3	12	5 to 6	....	1.00	8.00
3½	12 to 15	6 to 6	$0.15	1.50	12.00
4	15 to 18	6 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	6.00	35.00
6	20 to 24	6 to 8	.80	6.00	60.00

ARECA LUTESCENS.

Pot.	Height.	Each.	Doz.	100.
2¼	5 to 6 2 plants in pot	....	$1.00	$ 8.00
3½	12 to 14 3 plants in pot	....	2.00	15.00
4	18 to 20 3 plants	$0.25	3.00	25.00
6	3 plants in pot	2.50	9.00	60.00

PHOENIX RECLINATA.

Pot.	Leaves.	Doz.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per doz; $10 per 100.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 10	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 1.00	$ 8.00
Utilis	3	2.00	15.00

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.50 each.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Palms for decorating and for growing on. My stock of palms is larger and in better condition than ever before. Entirely American-grown and free from insects or disease.

ARECA LUTESCENS.

	Inch Inches pots. high.	Per 12.	Per 100.
1 plant	2 6-8	$ 1.00	$ 6.00
3 plants	5 15	3.00	25.00
3 plants	6 20	9.00	75.00
3 plants	6 24	12.00	100.00
		Each.	Per 12.
3 plants	8 30	$2.50	$30.00
3 plants	8 36	3.00	36.00

KENTIA BELMOREANA.

Inch pots.	Inches high.	Per 12.	Per 100.
2½	3-4 8	$1.50	$12.00
3	4-5 10-12	3.00	25.00
4	5-6 15	6.50	55.00
5	5-6 20	9.00	75.00
		Each.	Per 12.
6	6 24	$1.25	$15.00
6	6-7 26-28	1.50	18.00
7	6-7 28-30	2.00	24.00
8	6-7 30-32	3.00	36.00
8	7-8 36-40	4.00	

KENTIA FORSTERIANA.

Inch pots.	Inches high.	Per 12.	Per 100.
2½	4 8	$1.50	$12.00
3	4 12	2.50	20.00
4	4-5 15	4.00	35.00
		Each.	Per 12.
6	5 24-28	$1.00	$12.00
6	5-6 30	1.25	15.00
6	6 28-30	1.50	18.00
7	6-7 30-36	2.00	24.00
7	6 36-42	2.50	30.00
8	7 42	3.00	36.00
8	7-8 50-54	4.00	48.00

LATANIA BORBONICA.

Inch pots.	Leaves. high.	Per 12.
6	5-6 15-18	$ 9.00
6	6-8 20-24	12.00

JOSEPH HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. Leaves.	Price each.	Per doz.	Per 100.	Per 1,000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
6	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	28 to 32	5 to 6	.75	7.00	65.00	

3 plants in 8-in. pots; 24 to 27 inches high; 8 to 10 leaves, $1.10 each, $10.00 per 10; $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all order accompanied by cash.

W. J. HESSMAN & PLATYSMITH, NEB.

Corypha australis, 2½-in., $3.00 per 100. Areca lutescens, 3 plants in pot, 4-in. pots, $2.00 per doz.; 2 plants in pot, 3-in. pot, 75c per doz. Latania borbonica, 2-in., 60c per doz.; 6-in., 4 to 5 leaves, $6.00 per doz. Phoenix canariensis, 3-in., 60c per doz.; $2.50 per 100. Good & Reese Co., Springfield, Ohio.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 ft. in h't and dia., 12 to 14 lvs. $24.00.
J. WM. COLFLESH, 53rd and Woodland Ave., Philadelphia, Pa.

Pandanus Veitchii—6-in. pots, 18 inches above pot, $1.00 each; 7-in. pots, 24 inches above pot, $1.50 each. John Welsh Young, Germantown, Pa.

Kentia Belmoreana, fine, healthy stock. 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Sons, Bellevue, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000.

SEEDLINGS, not transplanted, $3.00 per 1,000. H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine, stocky, hardy, field-grown plants from seed-bed of the famous Diamond strain, the best strain of the German type; large size, perfect form, thick velvety petals and great variety of rich and odd colors and markings. All colors, mixed, 1,000, $4.00; 500, $2.00. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

Pansies. Fine transplanted plants of Bugnot, Cassiers, Odier, mixed or separate, 50c per 100; $3.00 per 1,000. Extra large plants coming in bud, $1.00 per 100.
S. Whitton, 45-47 Gray Ave., Utica, N. Y.

From Roemer's best giant premium pansy seed. Healthy plants from cold frames, 50c per 100, $4.00 per 1,000. Express prepaid for cash. Des Moines Plant Co., Des Moines, Iowa.

Pansy plants, $1.50 per 100; small seedlings, 50c per 100; $3.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Choice pansy plants, 75c per 100 by mail; $4.00 per 1,000 by express. Harry White, New Holland, Pa.

Pansy plants, 20 leaves, from cold frames, $15.00 per 1,000. Morris Floral Co., Morris, Ill.

Pansies, good strong plants, $2.50 per 1,000. G. Guy Swanger, Shiloh, Ohio.

PELARGONIUMS.

Pelargonium, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

PETUNIAS.

Petunias, extra fine, 1st var., $1.25 per 100; $10.00 per 1,000. S. S. Peckham, New Bedford, Mass.

Petunias, Single giants of California, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Petunias, choice double, mixed, 4-in., $5 00 per 100. Morris Floral Co., Morris, Ill.

Double fringed petunias, 2-in., $2.00 per 100. E. L. Rockwell, Quakertown, Pa.

Petunias, Double fringed, $3.00 per 100. C. L. Reese, Springfield, Ohio.

PRIMROSES.

Baby primroses, fine 2-in., $1.25 per 100, or will exchange for any stock I can use. New Springfield Floral Co., R. D. No. 5, Springfield, Ohio.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. J. N. Kramer & Son, Cedar Rapids, Iowa.

Primroses, 2½-in., per 100; Obconica, $1.60; Chinese, white and pink, $2.50; Baby Primroses, $2.00. Good & Reese Co., Springfield, O.

Baby Primroses, nice, thrifty and stocky plants, 2 in., $2.00 per 100. H. L. Ragan, Box 166, Springfield, Ohio.

Baby Primroses. Good stock from 2½-in. pots, $2.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PLANT LISTS.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 25c; 4-in., 35c; 5-in., 50c each.

Areca Lutescens, 3-in., 3 plants to pot, 18c; 4-in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money.

Boston Fern, 3-in., $8.00; 4-in., $15.00; 5-in., $30.00 per 100.

Sword Fern, Nephrolepis Cordata Compacta, 2½-in., $3.00 per 100.

Rex Begonia, finest varieties, 2½ and 3-in., $4.00 per 100.

Vinca Variety, 2½-in., $3.00 per 100.

Asparagus Sprengeri and Plumosus, 2-in., $5.00; 3-in., $8.00 per 100.

Geraniums, 2-in., Double and Single Grant, Mme. Bruant, Mrs. E. G. Hill, Poitevine, Bonnat, Atkinson and S. A. Nutt, $3.00 per 100; Rooted Cuttings, $2.00 per 100.

Campbell Violets, rooted runners, 60c per 100.

Carnations, Portia, McGowan, Peachblow and Scott, rooted cuttings, $1.00 per 100.

New Carnation Kittatinny, a pure white sport from Daybreak, exactly same growth as Daybreak, and wants like treatment. First-class and a money maker. 2-in. pots or rooted cutting, $6.00 per 100.

Giant Alyssum, Achyanthes, Lemon Verbenas, Verbenas, Coleus and Alternantheras, red and yellow; Scarlet Sage, Clara Bedman; Ageratum, blue and white and Princess Pauline; Heliotrope, blue. Also Imperial Violets. All 2-inch stock, $2.00 per 100.

Roses, Bride and Bridesmaid, 2-in., $3.00 per 100.

Dracaena Indivisa, 3-in., $6.00 per 100; 4-in., $10.00 per 100.

Imperial Violets, 2-in., $2.00 per 100.

Cash with order or C. O. D.

Geo. M. Emmans, Newton, N. J.

	Doz.	100.
Abutilon, Savitzii, 2½-in.	$1.00	$6.00
Achyranthes, Lindenii, 2½-in.	.30	2.00
Ageratum, Cope's Pet	.50	2.50
Alyssum, Giant Double and Tom Thumb, 2½-in.	.50	2.50
Asparagus Plumosus Nanus— 3-in., very strong	1.00	7.50
5-in., very strong	3.00	12.00
Asparagus Sprengeri— 2½-in., good	.35	2.50
Seedlings		1.00
Cannas, C. Henderson, Mme. Crozy, Burbank, Vaughan, 3-in.	.50	3.50
Clematis Paniculata, field-grown, 1 year old	.20	2.00
Coleus, fine sort, $15.00 per 1,000	.30	2.00
Cuphea Platycentra	.50	3.00
English Ivy, 2½-in., 50c per doz.; $3.00 per 100; 3-in., 25c each		2.50
Geraniums, double scarlet, 2½-in.	.60	4.00
German Ivy 2½-in.	.50	3.00
Heliotrope, blue and white	.50	2.50
Hydrangea, Otaksa, 3-in.	.60	4.00
Honeymoon, Hall's and Sinensis Purpurea (field)	.50	2.00
Latania Borbonica, 5-in.	5.00	40.00
Lemon Verbena, 2½-in.	.40	3.00
Maranta Bicolor, 2½-in.	.75	5.00
Nasturtium, double yellow, 2½-in.	.50	4.00
Phoenix Reclinata, 5-in.	6.00	50.00
Salvia "Bonfire," 2½-in.	.50	2.50
Vinca (trailing), Green and Variegated, 2½-in.	.75	6.00

N. B.—Orders amounting to $5.00 and over sent F. O. B. New York City; those from unknown correspondents sent C. O. D. or else accompanied with cash or check.

William L. Swan, Lock Box 227, Oyster Bay, N. Y.

	Per 100
Coleus, Rainbow, Firebrand, Verschaffelii, Golden Bedder, Victoria and others, 2½-in.	$2.00
Tradescantia Quadricolor, fine, 2-in.	4.00
Ageratum Stella Gurney and Blanche, 2-in.	3.00
Lobelia Kaiser Wilhelm and Crystal Palace, 2-in.	3.00
Parisian Daisy, yellow and white, 2½-in.	2.50
Scarlet Sage Clara, Bedman, 3-in.	3.00
Fuchsia Elm City, Schneewitchen and others, 3-in.	3.00
Vinca Variegata, 3-in.	3.50
Chrysanthemums, Merry Monarch, Merry Christmas, J. E. Lager, Niveus and many best varieties, 2½-in.	2.00
Primula Forbesii, 3-in.	3.00
Jasminum Gracillimum, 3-in.; Allamanda Williamsii, 2-in.; Acalypha Marginata, 2½-in., 75c per doz. Cash with order. John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.	

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

PRIVET.

CALIFORNIA PRIVET.	Per 1,000
One year	$12.00
Two years, light	25.00
Two years, heavy	40.00

Three years, 4 to 6 feet, for screens, $80.00 per 100. Privet cuttings, $1.25 per 1,000. Cash with order.

Atlantic Coast Nurseries, office, 606 4th Ave., Asbury Park, N. J.

2,500 California privet, 4½ feet high, once cut back, $4.50 per 100; $30.00 per 1,000. 3,500 California privet, 18 in. high, strong, $1.50 per 100; $10.00 per 1,000. 100 Euonymus, 18 to 24 in. high, bushy, green, $5.00 per 100. Arundo donax Variegata, strong roots, $5.00 per 100. Magnolia grandiflora, 2½ ft., well branched, $6.00 per doz. J. L. O'Quinn & Co., Raleigh, N. C.

ROOTED CUTTINGS.

ROOTED CUTTINGS NOW READY.

Coleus, leading varieties, 75c per 100.

Ageratum, Topaz Blue and Snowball, White, $1.00 per 100. Stock plants of these from 3-in. pots, at $3.00 per 100.

Lemon Verbena, stock plants, 1 year old, at $1.50 per doz. Young plants from thumb pots, $2.00 per 100; rooted cuttings, $1.00 per 100.

Giant Double Sweet Alyssum, rooted cuttings, $1.00 per 100.

Vinca Variegata, 3 ft. long, bushy, $12.00 per 100.

English Ivys, strong and bushy, 3 feet high, at $25.00 per 100.

Dracaena Indivisa, 2 years old, good stock, $5.00 per dozen.

100 strubs of Deutzia Gracilis, 3 ft. diameter, 3 ft. high, fine for a park or large private place, at $6.00 per dozen.

John Reck, Bridgeport, Conn.

Rooted cuttings by mail.

Ageratum	per 100, $0.50
Fuchsias	per 100, 1.00
Ivy, German and Kenilworth	per 100, 1.50
Vinca Variegata	per 100, 1.00
Nasturtiums, seedlings	per 100, .75
Asters, seedlings	per 100, .50
Ampelopsis Veitchii, seedlings	per 100, 1.00

Cash with order.

Wm. H. Conner, 611-613 French St., Wilmington, Del.

Coleus Verschaffeltii, 75c per 100; Golden Bedder, 50c per 100; Ageratum dwarf blue, alyssum dwarf, 50c per 100. Cash. Jas. Amschacher, Long Branch, N. J.

ROSES.

Rose plants from 2½-in. pots. Liberty, $8.00 per 100; $75.00 per 1,000; Golden Gate, $2.00 per 100, $25.00 per 1,000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1,000. Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded. Peter Reinberg, 51 Wabash Ave., Chicago.

American Beauties, $6.00 per 100. Kaiserin, $4.00 per 100. The above taken from stock receiving first premium at Philadelphia Convention. Bridesmaid, $3.00 per 100; selected, all first class, from 2-in. standard pots, ready for shipping. H. E. Bartram, Philadelphia, Pa.

We shall have surplus of Liberty, Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, in planting time. We will quote on application. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.

S. J. Reuter, Westerly, R. I.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Moore, Southampton, Bucks county, Pa.

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $5.00 per doz. Cash With Order. John Cook, 318 No. Charles St., Baltimore, Md.

10,000 roses, dormant and H. P's., outdoor grown; also same grown in 4-in. pots, own roots; choice assortment; strong, healthy plants. Also monthly, moss, climbing, etc. F. A. Baller, Bloomington, Ill.

Grafted roses, ready for 4-in. Per 100: Liberty, $18.00; Maids, Brides and Golden Gate, $12.00; Meteors and Brides, own roots, $3.00 per 100, $25.00 per 1,000. Chris. Hansen, St. Paul, Minn.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Roses. Bride, Bridesmaid, Golden Gate, $2.00 per 100. 125 Kaiserin, 4-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

American Beauties—Strong plants from 2x3-in. pots, ready for a shift, $6.00 per 100, $50.00 per 1000; they are the best lot of plants I have ever offered. Jos. Heacock, Wyncote, Pa.

Roses, 5-in., at 9c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Perles and Wootton, in 2 and 2½-inch, extra fine stock. Extra fine Beauties in 3 and 4-in. Write Geo. A. Kuhl, Pekin, Ill.

Bride and Bridesmaids, rooted cuttings, $1.50 per 100; 2-in., $3.00 per 100; 3-in., $5.00 per 100. F. R. Hills, Maywood, Ill.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Meteor rose plants, 2-in., $20.00 per 1,000 J. A. Budlong, 37 Randolph St., Chicago.

Manetti stocks for fall delivery.

Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 60c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

Russelias, 3 sorts, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias Clara Bedman and splendens, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Salvias St. Louis and splendens, 2½-in., $2.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Salvia, 3 vars., R. C., $1.00 per 100. Express prepaid. S. D. Brant, Clay Center, Kan.

Salvia Silverspot, fine plants, 2-in., $3.00 per 100. Mrs. A. L. Myers, Bluffton, Ind.

Salvia Clara Bedman, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, $3.00 per 100. O. F. Searles, L. B. 238, Nashua, N. H.

SEEDS.

Fresh Kentia seed, 100, 60c; 1,000, $4.00. Cocos Weddeliana, 100, 75c; 1,000, $6.00. Asparagus plumosus nanus, 100, 50c; 1,000, $4.00. A. Sprengeri, 100, 35c; 1,000, $2.50. H. H. Berger & Co., 47 Barclay St., New York.

Wholesale price lists for florists and market gardeners.

W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Florists' Aster seed, the finest in the land. Send for list. Vick & Hill Co., Rochester, N. Y.

SMILAX.

Smilax, from flats, 35c per 100; $2.50 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

Smilax, ready May 15, $1.25 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., $1.50 per 100; $12.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

SPIRÆA.

Spiræa Anthony Waterer, the new red spiræa, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

STOCKS.

Stocks for December forcing, 75c per 100. Cash. Converse Greenhouses, Webster, Mass.

SWAINSONA.

Swainsona, white and pink, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

SWEET PEAS.

Sweet peas for early flowers. Sadie Burpee, white, 3-in. pots, $2.50 per 100. Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Celery—White Plume and Golden Self-blanching, small plants ready for trans., 15c per 100, 75c per 1,000, $5.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson and other var., 15c per 100, $1.00 per 1,000, $8.60 per 10,000. Add 10c per 100 to above prices if by mail. Cauliflower, 25c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Beauty and D. Champion tomato plants, in flats, 15c per 100; $1.25 per 1,000. 100 large pot-grown Lorillard plants at 3c each. Cash. Mrs. Griswold, Worthington, Ohio.

Cabbage and tomato, for transplanting, $1.25 per 1,000. W. D. Chase & Son, New London, Ohio.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000; 2-in., $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Mammoth strain, separate colors. Rooted cuttings, 60c per 100; $5.00 per 1,000. Vick & Hill Co., Rochester, N. Y.

Verbenas. Best mammoth in separate colors, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas, 10 choice colors, named, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

Verbenas, 15 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

VINCAS.

Vinca variegata, white and green foliage; fine for baskets and vases, 2½-in. $2.00 per 100; $17.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vincas. Per 100, green, trailing, 2¼-in., $1.50; 6-in., $15.00; variegated, trailing, 2¼-in. $2.00. Morris Floral Co., Morris, Ill.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Periwinkle, variegated, 2½-in., $3.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

Vincas, variegated, 4-in., $12.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca vines, 2 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vinca vines, 3-in. pots, $4.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

VINES.

Passiflora coerulea, 3-in., $5.00 per 100. C. Eisele, 11th and Jefferson Sts., Philadelphia, Pa.

VIOLETS.

Marie Louise violets, fine plants. February struck, $10.00 per 1,000; rooted runners, $5.00 per 1,000; clumps, $4.00 per 100. The above plants are clean and free from all disease. My stock is mostly grown on stone work and 40 degrees at night; the fragrance and color of bloom cannot be surpassed and they brought top price all winter. Please call and see for yourself before you secure your plants. I will keep them for you until May or first of June. Please order early. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

About 12,000 violet plants. Sand struck cuttings, $10.00 per 1,000 for Marie Louise; $15.00 per 1,000 for Farquhar. Clean. No disease or black fly. Cash with order. Another lot to come on later. Five per cent off your bill if you come to see them before you buy. Joseph Markle, Rhinebeck, New York.

The only violet that has no disease, Princess of Wales; large clumps that can be divided into 12 to 18 plants and 30 to 40 cuttings from each clump, $4.00 per 100; $35.00 per 1,000. Chas. W. Reimers, Station A, Louisville, Ky.

Violets. Rooted runners, strong, healthy stock. Marie Louise and Lady Campbell, rooted runners, 60 cts. per 100; $5.00 per 1,000. Cash with order. L. J. Barber & Son, Anacostia, D. C.

Marie Louise, carefully selected runners, 60c per 100; $5.00 per 1,000. Ask for sample. Smith & Young Co., 456 E. Wash. St., Indianapolis, Ind.

Violets from 2½-in. pots, Swanley White, Campbell and Russian, $2.25 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, O.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Velie & Son, Marlboro, N. Y.

Strong rooted runners of Princess of Wales, from soil, $1.00 per 100; $6.00 per 1,000. Cash. Heim Bros., Blue Island, Ill.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

Marie Louise, from soil, 60c per 100; $5.00 per 1,000. W. D. Chase & Son, New London, Ohio.

10,000 M. Louise violets, 2¼-in., in bud, $1.50 per 100. Morris Floral Co., Morris, Ill.

MISCELLANEOUS.

Clerodendron Balfouri, 2½-in., $2.00 per 100. Honeysuckles, 6 sorts, 2½-in., $2.00 per 100. Hoya carnosa (wax plant), 3-in., $1.00 per doz. Lemon ponderosa (giant lemon), a great pot plant, 2½-in., $6.00 per 100. Myrtus communis, sweet German myrtle, 2½-in., $2.50 per 100. Phrynium variegatum, elegant foliage, 2½-in., $2.50 per 100. Plumbago sanguinea, pink flowers, 2½-in., $3.00 per 100. Sanseveria zeylanica, 2¼-in., $2.00 per 100. Stephanotis floribunda, 2½-in., $3.00 per 100. The Good & Reese Co., Springfield, Ohio.

Pilea (artillery plant), $2.50 per 100. Cuphea (cigar plants), $2.00 per 100. C. L. Reese, Springfield, Ohio.

TO EXCHANGE.

TO EXCHANGE—Caladiums, 6 to 8-inch, at $2.00 per 100; Cape Jasmine, 10 to 12 inches high, at $8.00 per 100; double and single geraniums, 2-in., at $2.00 per 100 for rooted cuttings of Golden Bedder and red Verschaffeltii and other good sorts of coleus. J. D. Hooper, 812 Brook Ave., Richmond, Va.

To Exchange—Or for sale, extra large plants of carnations for the retail trade; in bud and bloom; A No. 1 varieties; all colors. Will exchange for coleus. Geo. Stafflinger, Springville, N. Y.

To Exchange—Fuchsias, 2½-in., $2.00 and Sweet Alyssum, dbl., $1.50 per 100, for rooted cuttings of coleus, alternantheras and lantanas. W. G. Haebich, Auburn, Ind.

WANTED.

Wanted—Four large Magnolia grandiflora, 4 to 6 feet high; bushy, pot-grown plants preferred. Please give price to Isaac H. Moss, Govanstown, Md.

WANTED—A few hundred single New Life geraniums. Iowa Seed Co., Des Moines, Iowa.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pines, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

Sheet Moss, extra fancy select, $1.50. medium grade, $1.25 per barrel. Cash with order. Schmidt's Greenhouse, East Side, Toledo, O.

Dagger ferns, $1.25 per 1,000; laurel roping, 4, 5 and 6c per yard; Princess pine, $5.00 per 100 lbs. Crowl Fern Co., Millington, Mass.

Hardy cut ferns, $1.50 per 1,000. H. M. Robinson, 32-36 Court Sq., Boston, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

FERTILIZERS.

Pure pulverized sheep manure and fine bone flour. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Fred Paul, 632 Race St., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer,
Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, $1.50 per 1,000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Improved greenhouse glazing points, positively the best made. Chas. T. Siebert, Station B, Pittsburg, Pa.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J.G.&A.Esler, Saddle River, N.J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Hammond's Slug Shot destroys pests which prey upon vegetation in the greenhouse, conservatory and garden. Sold by seedsmen in all parts of the U. S. and Canada. For pamphlet address B. Hammond, Fishkill-on-Hudson, N. Y.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Clipper Lawn Mower Co., Norristown, Pa.

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers; best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey St., New York City.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us, we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For prices and address W. H. Elverson Pottery Co., New Brighton, Pa.

Columbia plant tubs. Invalid Appliance Co., 126-160 Vedder St., Chicago.

Red pots. Jacobs & Landis, Coldsburg, Pa.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

REFRIGERATORS.

Send for illustrated catalogue and price list showing Florists' Refrigerators, Pumps, Hose, Sprayers, Tools, etc.

ORR & LOCKETT HARDWARE CO., 71 and 73 Randolph St., Chicago.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

ROCHESTER, N. Y.

John W. Spencer, of Cornell University, has finished his course of lectures which he has been giving in the public schools, under the management of the Woman's Union.

His talks were upon the subjects of flowers and gardening, and proved very interesting to his listeners. The Woman's Union will hold a flower show in the fall, similar to the one which was such a success last year, and it will probably be held some time in September. The children will raise the flowers at home, and valuable prizes will be awarded the successful competitors. The classes to which awards are to be made include the following:

1. For best cut flower display grown by any public school pupil. For the best display of vegetables grown by any public school pupil.

2. For best display, grown by pupil, of cut asters, coreopsis, morning glory, dianthus, marigolds, nasturtiums, petunias, phlox, bachelor buttons, vinnias.

3. For the best box or pot of plants raised from seed by a boy. For the best box or pot of plants grown from seed by a girl.

4. For the best display of cut flowers from a bed in school garden, planted and cared for by a grade.

5. For best aranged bouquet of cut flowers.

6. For best display of cut flowers grown in school yard.

7. For greatest improvement in school yard.

"RETURNS ARE SPLENDID."

In sending renewal order for their classified ad under "Dahlias" in the REVIEW, under date of April 20, Messrs. Lothrop & Higgins, East Bridgewater, Mass., say: "Returns are splendid."

CAN'T DO WITHOUT IT.

Enclosed find $1 in payment for another year's subscription to the FLORISTS' REVIEW, which I cannot do without.

W. L. LOUDON.

Mt. Vernon, Ind.

WATERVILLE, ME.—H. R. Mitchell & Son are building a house 21x110.

SAN FRANCISCO, CAL.—J. Kessell is building two fern houses 17x125.

CLOVER SEED.

C. A. King & Co., Toledo, O., say under date of April 20:

"Season is almost over. It has been an interesting one. Prices have averaged higher than for several years. Stocks of old seed are very small and less than for several seasons. Receipts here have been small, only 70,000 bags against 146,000 last year and 200,000 from the enormous crop of 1897. Exports have been the smallest since 1896. High prices checked them. October means the new crop. The prices of that will fluctuate as the guesses vary upon how the new crop will turn out. It will not average as low as some recent years even if the crop should be a good one.

A NEW VARIETY.

There was a rare and beautiful exhibition in the city council Monday night, as those who cast their eyes over the radiant banks of roses and lilies avow. It seems impossible that those who saw and rejoiced in its glories should not feel moved still further to improve the annual exhibition hereafter by eliminating that rare American orchid, the species Ward Heeler of the genus Aldermanus, which at various places reared its bulbous head and prehensile stamens from among the other flowers.—Chicago Daily News.

WEST ANDOVER, MASS.—E. Flynn, formerly of Lawrence, has leased the Edwards greenhouses.

MADISON, N. J.—L. M. Noe is building a new house 20x211. Lyons & Blake are building two, one 10x150 and the other 18x150.

ROCHESTER, N. Y.—H. E. Wilson has just completed a new greenhouse 30x400 connecting the old range with a brick store building 20x50 on Hudson Ave. The new house is an even span, iron frame structure, and is divided by glass partitions into three sections, two of which will be devoted to roses and one to palms. The store will be lighted by electricity and fitted up in thoroughly modern style. The additional greenhouse gives Mr. Wilson a total of 50,000 feet of glass. He has a down town store at 88 East Main St.

WE HAVE received from Messrs. L. Boehmer & Co., Yokohama, Japan, a copy of their wholesale catalogue of Japan bulbs, plants, trees, etc., for 1901-1902. It is freely illustrated by engravings by Japanese artists in color and is very attractive.

GREENSBURG, IND.—Hedges & Clark will build two houses this season.

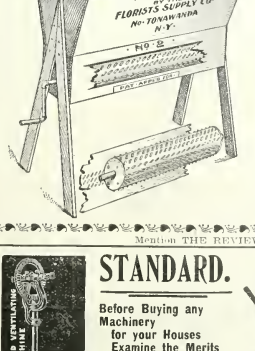
ALBANY, N. Y.—W. C. King & Co. have purchased the business of Geo. H. Grey.

ST. MARY'S, PA.—The St. Mary's Green house Co. are adding two houses 17x100.

CAMBRIDGE, MASS.—The wife of Robert Cameron, of the Botanic Garden, died April 14, after a long illness.

NEW BEDFORD, MASS.—E. Chamberlain has leased a store on Purchase street and will start in business for himself May 1. He was formerly with Wm. Pierce. The latter has turned his business over to his son, W. P. Pierce.

Used all over the United States.....



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They will save you the amount they cost you in one week.

No. 1	No. 2	No. 3
$5.00.	$10.00.	$20.00.

Send for catalogue and testimonials.

The Florists' Supply Company

NORTH TONAWANDA, N. Y.

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STANDARD.

Before Buying any Machinery for your Houses Examine the Merits of the best Machine in use.

Send for Catalogue of Specialties.

Duplex Iron Gutters.

Never break in sagging.
Firm and strong.
Lasting qualities a lifetime.
No snow or ice.
Only 8 inches of shade.
No drip whatever from glass or gutter.

E. HIPPARD, - - Youngstown, Ohio.

Mention The Review when you write.

THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
334 Dearborn Street, Chicago.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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JANESVILLE, WIS.—George Rentschler, the florist, has received word of the death of an uncle in Germany, who left him $9,000 as his share of the estate.

TOLEDO, OHIO.—J. H. Crane & Sons have let the contract for the construction of a vegetable forcing house 40x350 feet.

KNOXVILLE, TENN.—George Spencer has started in business here with several new houses.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1899, for Standard Flower Pots.

Mention The Review when you write.

BEFORE USING

Red Pots

You'll need some 4-inch now.

Agreeable to Handle.
Stay Red.
Don't turn Green.

Sample Pot and Price on application.

AFTER USING

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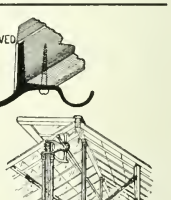
Mention THE REVIEW when you write.

See That Ledge.

Pat. Sept. 18, 1900.

ESTIMATES FURNISHED ON
CYPRESS GREENHOUSE MATERIAL
WITH OR WITHOUT OUR
Patent Iron Gutters and Plates,
NO THREADS TO CUT FOR OUR
Patent Iron Bench Fittings and Roof Supports,
VENTILATING APPARATUS.



Send four cents in stamps for our circulars and catalogue.

JENNINGS BROS., OLNEY, PHILA., PA.

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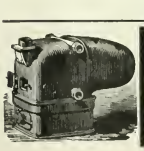

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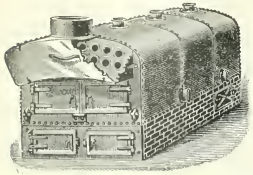

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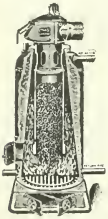

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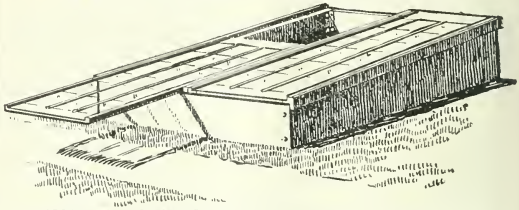

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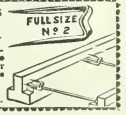

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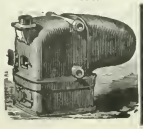

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FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MAY 2, 1901. No. 179.

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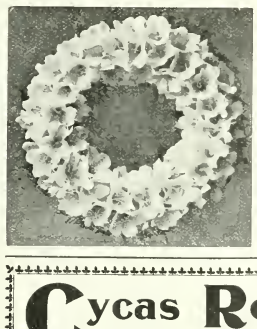

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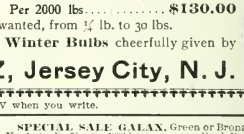

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THE RETAIL FLORIST.....

Wedding Decorations.

The innumerable forms of church floral decorations are sufficiently interesting for a longer series of articles, but we can only now deal with the most important points. The few rough sketches we present this week must be considered from a framework point of view; we hope to be able to again present them from a finished side. It must be remembered that a frame is but as a foundation, the superstructure depends on the artist.

One of the most difficult problems for the decorator is how to fasten a stand in the pews without defacing woodwork or obstructing the passageway. We have a stand which fits snugly in the corner of the pew; one screw eye in the floor holds it in place. Any of the stands shown can be put in the pew; a screw eye under the seat will make secure from tampering fingers or superfluous adipose. Don't use wire in fastening bunches of flowers on the end of pews; a stout rubber band or baby ribbon is best. It does not always require an immense amount of stuff to make an effective decoration; a plant or cluster of greens well placed and daintily finished is a pleasure to look at.

Now, in regard to house decorations, be it for the wedding or the reception, somewhat different rules apply. Color lines need not be so severe; that is, we mean more colors can be used in a house than in church, but in all cases the greatest harmony should prevail. You have different rooms in a house and each should be made a feature by distinct treatment and different color. Your greatest effort should be made in the ceremonial room. The banking of mirrors, unless you have extra fine material, had better be left alone; the custom is dying out any way. If you can untwist and train a Crimson Rambler or two on something similar to the wire shown it will show off better than all the stiff banks of greens you can manufacture. As mentioned, you can cut off the blooms and tie on any color desired. Golden Gate, De Watteville, Carnot, Bride or any of the light colors will be most acceptable roses in the principal room, and the next to it should be something brilliant, such as Liberty, Meteor, Brunner or Beauty, to emphasize color effects.

Spring flowers, such as tulips, daffodils, lilies, etc., can be made very attractive all in one room. A room fixed up in one or two colors in carnations is apt to be more admired than the roses. Combinations can be made, of course, with almost anything, but the arranger must not be color blind.

At extensive weddings in New York a colonnade of Greek or Roman pillars of plaster of paris or stucco are often used; the pillars are usually about 8 to 10 feet in height and 1 to 1½ feet in diameter. Roman garlands of roses, or preferably climbing roses, naturally entwining the pillars, make them very impressive. Ribbons are out of place on anything like this; delicate vines or garlands of flowers are the only fit embellishments of the classic pillars of the past. We don't wish to undervalue ribbon, but it does not belong on everything. There are beautiful forms of decorative work where ribbons form a principal part, that is on a background of, say, white or yellow bunting, with tracery of vines, immense heraldic or cupid bows and streamers of delicate pink ribbons, with here and there clusters of flowers to match, can be made to show up amazingly good. Combinations can be made to suit the exigencies of the case, or the imagination of the artist; some very good examples of this kind of decoration

Fig. 1.

were done at McKinley's last inauguration, which we attended for the purpose of writing up for this department; a pressure of other matters, however, has prevented us from giving our impressions, but an affair like this is always valuable. We shall discuss it during dull times.

But again to wedding decorations. The use of flowering plants is most appropriately pleasing in the house, and you want to tell your customers the placing of them in vases in conspicuous places is apt to give the impression that they have always been there, and people desire to create this impression. The less artificial (we mean "rigidly fixed up" or too apparently fixed) your work looks all the better. A great mistake is made by even the best artists in having some of the best parts of their work too low down. It is certainly absolutely necessary that pots, etc., should be covered, that a group of plants should have a finished look; but we should remember that when a room gets jammed with people, as it does invariably, your decorations are lost if they are not above the heads of the people. Keep your best work where it can be seen at all times.

Remember, too, in a house there is less call for the spectacular. Some great paintings must be always viewed from a distance. Your work in large buildings must be on the same principle as the "impressionist" picture, but the work in the house must bear close range criticism only, therefore it must be of a more polished type.

We will deal exclusively with bouquets next week. In the meantime if you have any question to ask send it along. We very frequently hear from the introducers of novelties. The great trouble with growers is that they are satisfied to stick a half-dozen of their pets in a vase, get them photographed and have the picture put in with their adv. We would be pleased to assist in better presentations of deserving flowers or plants.

IVERA.

HELPS IN DECORATING.

We have roughly sketched a few wire frames and devices that are useful in arranging large decorations. These are made by Reed & Keller, of New York, whose address will be found in the advertising columns.

Figure 1 represents a very substantial arch made of bolted sheet iron. It is made so that when not in use it can be taken apart and stored in a small space. It is usually made ten to twelve feet high but can be extended. It is suitable for church, house or ball decorations and can be made the principal feature of even the most extensive job. With simple wire hooks growing plants can be suspended from any and every part. When covered with growing plants of Adiantum Farleyense and a vase or two of choice flowers it gives a magnificent effect.

Of course there are numerous ways of "making it up." One very effective way is to cover it entirely with climbing roses. It is merely a matter of price, material and "know how." A bell or set of bells can be suspended from the center. One thing about this arch is that there need be no fear of its falling over, and the shape is a matter of choice.

Figure 2 is a wreath canopy for a house wedding. The wreath is of the crescent shape, very wide frame and from four to six feet in diameter, the top of wreath inclining forward to form a canopy effect. There is a very large bow at the bottom of the wreath. The iron pipe stem is eight feet high with a heavy rest at the foot.

This design can be made up very handsomely. The wreath should be filled full with but one color rose, the bow of a

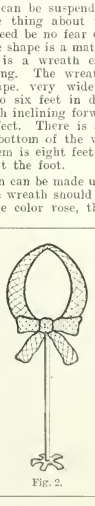


Fig. 2.

contrasting color. Sometimes it is made of flowers on wire work but most often is of sash ribbon. Very bright colors are usually used in this design to most surely avoid funeral effects.

A very popular design now is the shell canopy. It is a wire frame in the shape of a sea shell on a pipe stand like the preceding. It "makes up" very effectively and is full of meaning.

Figure 3 is a very simple steel wire frame to insert in a pot of Crimson Rambler roses and fasten to a mirror. Hide the wires with the foliage and bend them to any shape desired. Cut off all

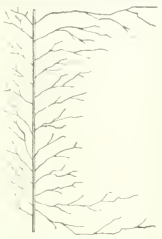


Fig. 3.

the Rambler blooms and you can then attach several hundred roses among the foliage in green glasses of water. Avoid stiff or formal lines. Make it appear as if the roses were growing in profusion on that tree. Wire a few on the ends and have all the flowers face outward. This kind of wire frame can be used for arches, canopies or any kind of design. It permits the artist to copy the natural and that gives more pleasure than formal lines.

Figure 4 is a steel wire frame that will enable you to transform a corner or alcove in a room into a "bower of roses." Fasten at the floor and again at the top. One of these was recently covered with American Beauty roses. Just fasten them on as if they were growing, using short ones at the bottom and long ones at the top.

Figure 5 is a six to nine foot skeleton for a rose tree. The iron pipe is in two pieces and extensible, the upper length being held in position by the set screw when in use. The top is of steel wires and it can be made finely effective for avenue work. Smaller sizes are used for table work. The stem and wires are first covered with rose foliage, from

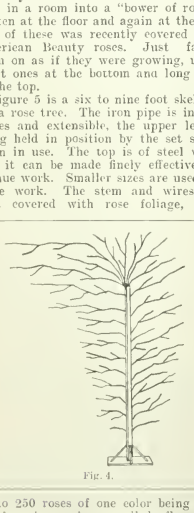


Fig. 4.

50 to 250 roses of one color being used on the wires. Any small leafless tree in a plant pot can be used instead of above for a frame.

Figure 6 shows a very handy stand to hold a flowering plant, fern, vase or arrangement of flowers to place in groups of plants or at ends of pews down the church. The iron pipe standard is six feet high with wire pot frame on top.

Figure 7 shows a fancy nickel plated counter stand to hold "shower" or other bouquets. It can be made taller or shorter by means of the socket and set screw.

CARNATION NOTES.

Diseased Carnations.

The plants sent for examination by L. U. showed two kinds of disease and both in a very advanced stage. The White Cloud plant was badly affected with bacteria and if the whole bench is as bad as the plant sent there is not much use of bothering with them any longer. Better burn the plants.

There are many ways in which this disease can be brought on, such as overwatering, over feeding and sometimes impoverished soil, or in fact anything that tends to weaken their constitution. Plants that are kept growing steadily are not likely to take the disease. When a plant shows this disease you may be sure there is something wrong in the treatment and if it is allowed to get a good hold on a plant it is hard to get rid of and seldom do the plants fully recover from it; they do not have the vitality necessary to

Fig. 5.

allow them to make a good, strong growth.

Some varieties are more prone to take this disease than others and special care must be given to the watering and feeding of those varieties from the time the cuttings are put into the sand until the plants are through blooming eighteen months after. There is perhaps nothing better than an occasional dose of lime or soot during the blooming season. The lime keeps the soil sweet and soot is one of the best foliage foods we have.

Our experience with this disease has invariably been that the young stock apparently outgrows it and looks healthy and clean until the dark days of the following winter when it reappears unless extreme care is exercised by the grower. This is where selection of cuttings plays an important part. We never propagate from plants that show signs of this disease and if any of the young plants take it we dump them at once. To try to doctor up young plants of standard varieties is wasting time and money, because even if you do succeed in restoring them to health in a month or two you will be just that much behind those that were always healthy; and so at best you can only expect fair results.

The plant of Crane had on it a disease best known as "purple-joint," but as I have had no experience with this disease I can give no light on the subject of eradicating it. I have heard other growers say that the Bordeaux mixture and also the copper solution had proven effective in keeping it in check. Perhaps Mr. U. would do well to try one of these unless he is willing to do the best thing of all, which is to burn the affected stock and buy new stock from some one whose stock he knows to be clean and healthy.

Fig. 6.

There is no time to doctor young stock now, but get a new start at once and get the stock planted as soon as you can. If Mr. U. has any faith in the indoor culture this would give him an excellent opportunity to get the benches planted early. Jubilee, America and Mrs. Bradt certainly do better with us grown this way and no doubt there are others that would appreciate it as well.

Planting Out.

You should be in the midst of your planting now unless the weather has permitted you to finish before this date. In our section from April 20 to May 10 seems to be the very best time for planting carnations; the weather is usually mild between those dates and the young plants take hold quickly and get down to growing before the hot and dry days and nights of summer come along. This year we had a spell of fine mild weather from the 9th until the 18th of April, and many growers had a few thousand young carnations in the field when on the 18th a heavy snow storm came along and the thermometer stood about 30 degrees several nights in succession and not many degrees higher during the day. While this did no serious damage yet I am sure it did no good either and the young plants that are being planted now right after the cold spell will be much better off. But it is rather late and no time should be lost in getting them out.

Fig. 7.

Shade.

We have just put a very light shade on our cut bloom houses, as the sun has suddenly developed a good deal of strength and the red varieties will not bear it many days without losing their brilliancy and later on their size and freshness. Many of the pinks also lose that brightness which we all admire so much. I do not like to shade until it is really necessary, and then a very light shade is sufficient until the weather is quite hot. Plenty of air and water will

help more to keep up the quality. A mulch of some loose material will help to keep them from drying out too much, but more care will be necessary in the watering.

Try to cut all your blooms in the morning before the sun is hot. They are fresher then than at any other time and the color is also better; if the open blooms are left on the plants through the day the sun takes the color out of them and gives them that washy appearance.

A. F. J. BAUR.

A WEDDING BOUQUET.

We present herewith an engraving from a snap-shot photograph of a wedding bouquet arranged by Mr. Luis Russell, of the firm of W. & L. Russell, Victoria, B. C. The carnations used in the bouquet are Flora Hill.

This firm grows carnations very successfully, including Lawson, Marquis, Bradt, America, Flora Hill, etc. Their Lawsons have measured from 3 to 4 inches across all this last winter.

A Wedding Bouquet.

"WHERE ARE WE AT?"

[Paper read at the April 25 meeting of the Tarrytown (N. Y.) Horticultural Society by Mr. John Shore, of Harrison, a member of the Portchester Horticultural Society.]

As I learn from reports in the horticultural journals describing your meetings, the subjects on which you have had some very instructive essays I would infer that you are a society of specialists. I am not in the class of specialists but an ordinary practitioner. I have a wider scope than the specialists and wish to take advantage of that scope this evening.

I will begin by asking you a question: "Where are we at?" Are we as gardeners on the ascendancy or degeneracy? Now we hear very little of gardening nomenclature, but carnations, roses, violets, chrysanthemums and a few other specialties; then the principal feature of everything would seem to be size, the larger the better. I will here step aside to thank the originators for their skill and labor which has made it possible for us to enjoy their beautiful creations.

There is very little to distinguish the private gardeners' products from the commercial florists' products, except quality, which is in favor of the florist, owing to modern improvements and better facilities. When we meet together let it not be for character analysis, not for humdrum, but for facts as they present themselves from time to time. There is one fact that presents it-elf in a forcible manner to me. From the first year of the chrysanthemum rage numerous plants that you could have found in private collections previous to the advent of the chrysanthemum have now entirely disappeared, so much so that it is only a question of time when we must awaken to the fact how little we know of plant nomenclature.

Some citizens have awakened to the fact that a number of the animals of the United States are becoming extinct and to save such have secured reservations for their protection and perpetuancy. I am pleased to know there is also a reservation now established in Bronx Park where we may again become familiar with plants we once knew but have forgotten and also with plants of recent introduction.

There is also another fact that presents itself, namely, that the most instructive feature of our society meetings is the question box and the discussion on exhibits. But have the nature of our exhibits been such that what we may designate as insignificant may have their place. On these two features depend the enlargement of our knowledge as individuals, they alone can keep up the interest that will draw the members to the meetings.

In conclusion I congratulate the members of the Tarrytown Society in that they are wide awake in the interests of their society, in that they have contemplated invitations to members of other Gardeners' Societies, though there is enough latent talent it the fire is once kindled that would supply an inexhaustible source of information.

A HOT CORNER.

I have a hot corner enclosed on the north by the walls of the main house and on the east by a wing of it. This corner has a south and southwest exposure and is an excellent place to grow material requiring heat and shelter from strong winds.

Moonflower vines are used to cover the walls, the plants being well started under glass before planting time in order to have them long enough to reach above (or nearly to) the plants placed in front of them when set out. Passiflora Pfordti is also used as a wall cover and is the freest bloomer among the passifloras I know of.

Next to the vines at the back I use Hibiscus rosea sinensis and tall standard abutilons, standard lemon verbenas and lantanas, finishing towards the front with bush forms of abutilons, lantanas, heliotropes and crotons. Geraniums, ageratums and verbenas may be used to finish the front.

All of these plants have been started under heat and in bloom, or nearly so, by June 10 to 15, which is as early as they may be put out here with safety. Frequent drenching with the hose destroys any tendency to red spider.

W. C. EGAN.

TOMATOES UNDER GLASS.

Replying to the inquiry of B. K. Hedrick in the last issue of the REVIEW would say: Your correspondent's trouble with disease or his tomato plants is a serious one. I have heard it claimed, and apparently with good reason, that once disease appears in a house of tomatoes, the spores will remain in the house and the trouble will get worse with each succeeding year until finally profitable tomato growing is out of the question.

It is claimed that the form of disease called Cladisporium is hereditary, and plants raised from tainted stock will reproduce the disease. I have noticed the disease always appears in the fall when we may have a few days of damp, close, muggy weather. The only thing to do is to keep a dry moving atmosphere and also keep your plants dry at the root during such weather.

There is little doubt in my mind that cow manure used in excess helps on the disease by inducing a soft, sappy growth, which is liable to take anything that comes along. If I could get good rotted sod I would start my plants in it without the addition of any manure whatever. In such a soil the plants would make a firm, short jointed growth, and when you have a good set of fruit, feed your plants. I prefer to use bone meal as a top dressing and liquid manure made from either cow or sheep manure.

With the best of looking after and every precaution taken it is well nigh impossible to grow a crop of tomatoes under glass from start to finish without getting some one or other of the numerous leaf diseases, not to mention stem rot, club foot, or eel worm.

With the competition from Havana and all the southern states the days of profitable winter culture of tomatoes under glass seems about over.

C. TOTTY.

MISCELLANEOUS SEASONABLE HINTS.

Don't Let Your Fires out.

I don't know of any more valuable hint that I can give the average florist just now than to be sure and not let your fires out. Many a hundred dollars has been lost by a shortsighted intention of saving a few dollars in fuel. There was a time when we thought we could get along without artificial heat after the first of May. For a good many years of late we have been firing till the end of May.

When I say this it is with the idea that you have a general variety of stock in one house, and there are exceptions to this. For instance, carnation houses need no fire; all they want is plenty of ventilation. If you had a house entirely devoted to zonal geraniums and there was no shade on it you could get along without fire as long as the weather was bright and plenty of air. But a whole house of one thing is the great exception with those engaged in growing bedding plants.

With shade on, which many will have applied at this date, the tropical plants which we grow so largely for our outside decoration will just stand still, and a little worse than that. The Cannas, caladiums, above all coleus, and our heliotrope, fuchsias, in fact, about everything, will suffer much. So keep up your fires and ventilate freely.

Cyclamen.

This is the time that our houses are rather more congested than any other in the whole year, and it is also a time when plants intended for next winter's crop are likely to be neglected. The most careful and industrious one will do it. Do not neglect your young cyclamens, which should now be in 3-inch pots. If you shift them soon into 4-inch use at least one-third of good decayed leaf mold.

It is early yet to put them in a hotbed and they do not want much shade. A light bench is best for two or three weeks longer, and it will be of great benefit to them to have the pots plunged in some material; coal ashes will do, but refuse hops is better, or even chopped-up tobacco stems, for it will keep down the aphis. An attack of greenfly is most injurious and almost ruination to them, and what is quite as bad is to let them get killing dry while they are in active growth. Smoke often and syringe every fine morning.

Chrysanthemums.

May is the month when we propagate the main crop of chrysanthemums. In addition to the cuttings from the old plants you can take the tops off the earlier rooted cuttings. They break quickly and you get three or four shoots and many of us grow them that way. The propagating bed is now cool, but these cuttings don't need heat. All they want is shading from the bright sun, and if your sand is coarse a copious watering twice a day.

Azaleas.

Azaleas that you cut back after Easter should be in a light, warm house and be kept well syringed. Some of the eastern growers do not believe in cutting these azaleas back so hard as we used to, but leave them about as they flowered, only be sure and pick off the flowers. I would say that if an azalea was in a good, healthy state there would be no need of trimming them back very much and they make all the more graceful plants. But if the plant is in poor health through a drying out or neglect then a severe cutting back will give the best results. And for several years the best Easter plants we have had have been those we have carried over.

While speaking of azaleas I made an erroneous statement last fall and own up to it. I said that the summered over plants being established would force better than those arriving from Europe. You would think that would be the case, but it is just the reverse. The newly imported plants are much easier to bring into flower.

Hydrangeas.

Don't neglect to shift your young spring struck hydrangeas. Give them a 4-inch and keep them under glass till the first of June. Those for early forcing are best grown in pots plunged out in the broad sun and given plenty of daylight between them. Those for later flowering can be planted out in some good, rich soil, from which they will lift with all their roots.

Smilax.

If you are going to renew your smilax bed this is about the time that the little plants should go into a 3-inch pot and be given a decent light bench, not necessarily the best bench, but not under the bench. A good, strong plant at the beginning of July means one extra string for the next year. William Scott.

HEATING.

What is the best system for heating three houses, each 18x75, in a locality where the outside temperature goes as low as 35 degrees below zero and the inside temperature should be from 55 to 60 degrees? How many pipes would it require and of what size? H. C. G.

For the heating of the three greenhouses as described by H. C. G. I would advise a steam system, the steam to be furnished from a wrought iron tubular boiler of about twenty horse power placed below the floor level of green houses, and an arrangement of heating pipes which would be partly over and partly under the benches in the several houses, proportioning the pipes at about one foot of heating surface to every four feet of glass. If your correspondent will send a rough sketch showing the arrangement of benches he intends to use, the heights of side of houses, and how much of them is glass, also whether the houses are connected or separate, I would be pleased to furnish you with a diagram showing the best arrangement of pipes.

New York. HENRY W. GIBBONS.

HARDY PLANTS.

The constantly expanding demand for hardy plants has brought to many florists orders that they find it difficult to execute in a satisfactory manner, and several inquiries that have recently reached the editor of the Review indicate a rather widespread desire among members of the craft for information that will be really helpful to them.

As one correspondent puts it: "Nearly all the plans I have seen published are for an acre or more of ground, and when I get an order to embellish the grounds around an average city residence with hardy plants I have nothing but my own very limited experience to help me. Can hardy plants be used in a satisfactory manner on the average city lot, and, if so, how? If practicable, I wish the Review would give us a variety of plans suitable for different aspects. We have frequent orders to plant a corner with hardy plants. Please give us a few examples."

In response to this and other requests we have arranged for a series of such plans from Mr. John Higgins, who is in charge of the hardy plants at Lincoln Park, Chicago, and present the first of the series in this issue. At our request Mr. Higgins has made this first plan for as small an area as the florist would probably ever be called upon to plant, making the planting as full and rich as possible on the limited space. These plans are of an existing place, and to fully carry out the idea the place will be planted in accordance with these plans, and we will, therefore, be later in the season able to publish a picture showing the effect produced and at what cost in material and labor.

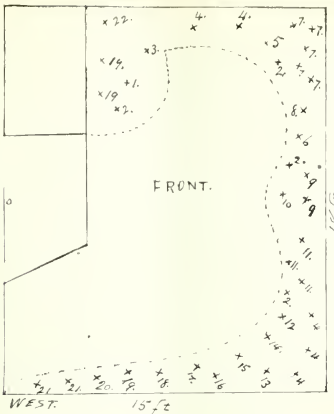
It will be noticed that native ferns are used in one corner of the front plat, and the reason for this is that the steps of the house adjoining at the south shade this corner. In the street there are several large elm trees that shade the front plat from 2 to 4 p. m., after which hour the sun reaches it somewhat under the trees. The house shades the plat till toward noon. The entrance to the front door of the house is at the north side of the plat and is not shown in the plan. What does appear is a curve in the walk and the steps leading down to the basement door. It will be noticed that a spirea is placed here to partially screen this door. The plat is separated from the street and adjoining plats by a low iron picket fence.

In the rear plat all except the bed lying along the south fence is exposed to the morning sun and part of it has some of the afternoon sun. At the east is an alley and the plat is surrounded by a 5-foot close board fence. Along the south fence the earth is shaded all day long.

Mr. Higgins' notes follow:

Beautify Your Homes.

The aesthetic crusade now being exploited in the city press is very laudable, but the movement to be effective should, like charity, begin at home. The small front yards and back yards of city residences are a far more important factor



Key to Plan for Front Plat.

1	Spiræa Van Houttei	9	Boltonia latisquamæ
2	Aquilegia Canadensis	10	Papaver orientale
3	Philadelphus Aurea	11	Perennial phlox Victor Hugo
4	Aster Novæ-Angliæ	12	Campanula Van Houttei
5	Lonicera Tartarica grdiflora	13	Helenium autumnale
6	Thalictrum dioicum	14	Mertensia virginica
7	Osmunda Claytoniana	15	Hibiscus Moscheutos
8	Hibiscus militaris	16	Iris Germanica
		17	Delphinium bicolor
		18	Iris sibirica
		19	Polemonium reptans
		20	Platycodon grandiflora
		21	Funkia undulata
			Funkia undulata variegata
		22	Dioscorea villosa

in the grand aggregate of beauty than the parks and pleasure grounds. There is a very extensive class of householders who, while their frontage is only the width of a city lot or two—not enough to warrant the intervention of a landscape architect—may have yearnings for the beautiful quite as pronounced as their more expansive brethren of the boulevards.

Here is a hint of what may be done in making dooryard areas presentable, using chiefly hardy perennials, because they can endure the conditions to be met in such places in a more satisfactory manner than tender plants.

The plants enumerated will need little or no protection in winter. Species likely to be troubled by insect pests or disease or having objectionable habits of spreading by seed or runners have been excluded. In the plans it will be seen that the arrangement preserves as much as possible of the space for grass. Utility as well as artistic considerations favors this arrangement.

A few points in regard to the treatment of plants in transplanting may not be amiss. First—Never allow the roots of plants to become dry by exposure. Plants in leaf should be shielded from the light after transplanting for a couple of days or until the rootlets resume their action. By observing these precautions plants can be safely transplanted any time.

JOHN HIGGINS.

SPRINGFIELD, OHIO.

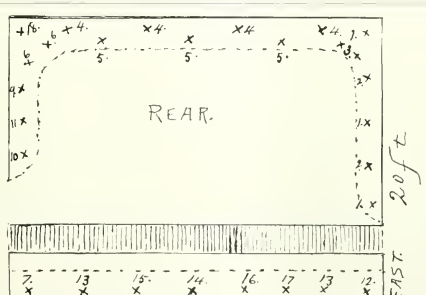
The trade will find much of interest in the growing movement of which the National League of Improvement Associations with headquarters in this city is the organized exponent. An important phase of the league's work is the linking of special opportunities with those who have business or other reasons for meeting them.

This month the league is pushing the school garden idea as carried out by the Home Gardening Association of Cleveland. One hundred thousand penny packages of seeds have recently been sold in the public schools of that city. The first season's efforts resulted in the disposal of fifty thousand packages of nine varieties of the more easily grown annuals. The suggestion is offered florists that they secure the co-operation of some local improvement association or other organized body, so as to interest the school children of their town in a similar movement. The National League is prepared to suggest the few necessary details and to co-operate toward bringing the matter to a head. If the local promoters will secure the aid of the local newspapers, attractive "copy" will be supplied from headquarters.

A little time given to a careful campaign along these lines ought to result in a local boom in the trade, and the energetic man who takes up the idea is sure to find himself one of the best known individuals in the community. By suggesting and stimulating flower shows in different schools and churches the interest will be maintained throughout the season. If a leading local photographer can be interested in the scheme, his promise to reproduce some of the most attractive displays will be an added element of interest. Altogether the scheme presents much of value to the man who desires publicity of a favorable character.

Another idea being pushed from the Springfield headquarters is the general awarding of prizes for the various vine and flower displays in front and back yards. Andrew Carnegie, John H. Patterson and other well known people have approved of the scheme by the provision of prizes in several localities. Florists can arrange the plan so that some local organization or a group of business men may provide a reasonable number of prizes to be awarded by a committee of local judges.

This plan may be elaborated according to the interest and resources of the one who is pushing the promotion. At Dayton, Ohio, the prize list has included the best appearing front and back yards, window and porch boxes, vine planting, vacant lots, and the best care of premises adjoining any of the steam railroads leading into the city. The plan directly interests a considerable portion of the community, and indirectly leads to newspaper agitation, so that the florists may reap a rich harvest of public appreciation.



Key to Plan for Rear Plat.

1	Helianthus annuus	7	Helianthus multiflorus
2	Ricinus	9	Hemerocallis Sieboldii
3	Lychnis chalcedonica	10	Sedum spectabile
4	Allegheny Hollyhock	11	Delphinium sinensis
5	Perennial phlox (tall)	12	Cassia Marilandica
6	Delphinium formosum	13	Lilium superbum
		14	Lilium tigrinum
		15	Tradescantia virginica
		16	Uvularia grandiflora
		17	Hemerocallis Kwanso
		18	Menispermum canadense

The final effect should be much better than that secured by some chance or excursion scheme which cannot appeal to the better classes in the community.

The National League of Improvement Associations offers to respond to all inquiries and to supply any needed details in carrying out either of these two plans.

EVART GRANT.

CHICAGO.

The Market.

Last Sunday we were shifted from late winter into midsummer, and midsummer weather conditions continue to prevail at this writing. As a result the quality of all stock has deteriorated rapidly and the proportion of best grade in a consignment of roses has been very materially reduced. Though prices on first quality shipping roses are still held up to $4 to $6, the great bulk of the receipts is sold at much lower figures, and some very fair stock is sold at $3, while a good deal of it goes at $2 and the poorest in job lots at $1 and $1.50. And even with the greatest care in selection of shipping stock it seems difficult to give uniform satisfaction, as the weather is very hard on the stock after it is packed.

Carnations have suffered with the roses. While quotations range from $1.50 to $3, the great bulk, and good flowers, too, sell at $2, while medium grades go at $1.00 to $1.50, and the poorest are cleaned up at any old price, if at all. Sales at 50 cents a 100 are not very uncommon. Again some extra fine Lawsons and Red Bradts bring as high as $4.

Beauties are in good supply, but the proportion of firsts is getting smaller. The best still bring $3 a dozen, but the great bulk of the stock goes at much lower figures. We have heard of sales in thousand lots that are too sad to mention.

Liberty is gaining friends. Some really first-class blooms have been seen the last two months, and the best of the long-stemmed ones have brought prices equal to the best Beauties. Mr. Washburn, of Bassett & Washburn, says they get their extra long-stemmed blooms altogether from the grafted plants, and says it is unwise to attempt to grow it on its own roots. Mr. A. Spencer, in charge of Peter Reinberg's salesroom, says Liberty has demonstrated that there is a place for it. Though the proportion of first-class blooms is much smaller than desirable and it is nowhere near as free as Meteor, the blooms average good in price and the demand is brisk.

The lily situation is positively painful. The buyer can practically name his own price if he offers to clean up a lot. On lilies that must be selected and packed for shipment $4 to $6 is asked, and occasionally more for extra select, but a good many are jobbed off at most any price offered.

Sweet peas are arriving in very good shape. We noticed some extra good Blanche Ferry at Benthey's. These sell at $1. Cornflowers are expected soon at this place.

Trailing arbutus is arriving more freely. Kennicott Bros. Co. are receiving some large shipments and it is now offered at 10 cents a bunch.

Tulips and other bulb flowers are quiet—so quiet you can hear a pin drop. There is no more welcome visitor in the market than the buyer who wants a few thousand tulips, and he has a whole lot to say as to the basis upon which an exchange of tulips and cash shall be made.

This is the sort of weather when a little care will make an immense difference in the value of the cut. The grower who cuts his roses every hour or so and cools them at once in an ice-cooled room will have a much larger percentage of marketable blooms than the one who cuts them but twice a day and has only a cellar for a cooling room.

Various Items.

A regular meeting of the Florists' Club will be held at the usual place tomorrow (Friday) evening. Several essays are due, and it promises to be a very interesting meeting.

Martin Peterson, who has been for some time with E. H. Hunt, will open a retail store on Division street, near Humboldt Park, in time for Decoration Day business.

Mrs. C. M. Dickinson started last Tuesday for Seattle, Wash., where she will enjoy a two-months' visit with her parents.

Bassett & Washburn have been very successful with their Beauties this year; in fact, they have never before done so well with this rose.

Robert W. Schenck has been appointed commissioner plenipotentiary and gardener extraordinary to the city pumping stations, of which there are ten, with grounds ranging in size from a handker chief up to an acre or so. He will plant these grounds and look after them, and if he runs short of water will know the reason why.

During his recent visit to the city Mr. M. F. Kyle reported business good in Kalamazoo and that his son "Billy," who is with Kennicott Bros. Co., gratified him exceedingly by making him a grandpa.

The hyacinth beds are now in gorgeous bloom at Lincoln Park and the tulips are showing color. The tulips grown on the Pacific coast seem to be several days in advance of the Holland grown bulbs. The hardy plants seem to have come through the winter generally in good shape. The forsythia is already in bloom and the daffodils will be in their glory in a day or so.

The bowling series has not yet been definitely arranged for. Another meeting is to be held this week.

BUFFALO.

The Weather.

This is a latitude of quick climatic changes. A little more than a week ago we were wading through a foot of wet snow and today we are basking in sunshine at a temperature of 75, with daffodils and hyacinths in all their glory, and the robin's heart is full of joy, for the worm gets out at the same time he does. The grass is green, the cow gives more cream, the mud is gone and all nature is glad. Even discontented man is happy and forgets the amount of work he has to perform.

The Exposition.

I am afraid the daily press spread abroad the impression that the Pan-American suffered a calamity through the storm. Nothing of the kind, except a few broken panes of glass and a few days' delay in work, and that just now is serious, as every moment is needed. I may as well report now that although there are spots here and there that are yet unfinished, the work and finishing up that has been done the past three weeks is amazing. All main roads are now covered with asphalt. Exhibits will be all in place by the end of the week. The landscape features are showing up grandly. The Music Garden with its 180 beds will soon be gorgeous with its thousands of spring flowers. On Saturday last every building and the tower was a blaze of electricity. The Goddess of Light holds her hand aloft 405 feet above the ground. She is 90 feet high, but does not look on her lofty perch bigger than Mrs. Nation—going in swimming. Now, gentle reader, to say that I have never seen such an electrical display would mean little, but those who know say that the world has never seen its equal or approaching it. But you are all going to see this fairy land, so I will say no more.

Business has been very good. Grumblers and pessimists who said that they could not see what benefit this great undertaking would be to Buffalo will be greatly deceived. All classes, from the laboring man through all grades of industry and business, are already feeling the great benefit from the increased work and the large number of visitors. Some days there have been flowers enough, but on many days there is not near enough to go round. The bedding plant and decorating business is also sure to be a big advance on any previous year, as all who pride themselves on their home, and this is particularly a city of detached residence homes, will want to fix up a little extra and many a good deal extra.

A Cute Little Thing.

My attention was called to a small paragraph in your Chicago contemporary which reads as follows:

> At Easter Scott had a branch store in one of the dry goods establishments, which is the first start in this direction. Buffalo so far has been free from the Greek and other cheap sellers.

Now the little man who wrote this cute little paragraph knows very well that four or five years ago there was a firm had a window and counter in a store right opposite his own and that was a ladies' cloak store where they drew teeth, cut corns, dressed hair and many other "kindred" businesses. Our department houses have not yet had a cut flower department simply because they don't think they could run it at a profit, but they have sold bulbs, seeds, rose bushes, palms, bedding plants and everything else but cut flowers, so I was not the first or even the third to avail myself of the opportunity of getting near the madding crowd at Easter time.

No, it was not for information that Mr. A. penned this; it was just a little unkind cut and comes with very poor grace, all things considered. If a patrolman had died that day I would have been spared, for Mr. A. would have seen an order ahead and felt kindly to all. You must not think, my friends, when you read the Buffalo notes in the Am. Florist, that you are getting all the glorious literature that Mr. Adams has written for you. He writes spontaneously and voluminously and works in original jokes and brilliant witticisms, but, alas! the profound and metaphysical brain that wields the blue pencil in

House of Mrs. Thos. W. Lawson Carnations at the Establishment of the Originator, Mr. Peter Fisher, Ellis, Mass.

Dearborn street cannot appreciate these jokes and cuts and slashes them unmercifully. S'a, unfortunately, we get but the skeleton of these brilliant articles. What a pity that this editor did not see the spleen and narrowness and misinformation contained in the article in question. Alas, I am afraid that a dirty little insinuation is more to his liking than a harmless joke. Here was a chance to use his pencil, but instead of that it doubtless touched a sympathetic chord. Poor creatures!

The Department Store.

Our New York contemporary very kindly and sensibly comments on the subject, and more said on the same lines would be wearisome. The department store is a great big fact, an institution that evolved from present day conditions. Perhaps the greatest sufferers are the small stores of almost every kind on the outskirts of the cities. They feel it keenly, but what changes ever occurred, and even reforms, without some people suffering? As well talk and kick against the change of seasons.

I believe our business is hurt, or rather say affected, less by the large department stores than any one line, and doubtless if here and there an individual seems hurt by them others will be prospering by them. So fall in line and if you can make more money by having a counter in one of these large stores than renting a store to yourself, do it; if you don't some one else will. What a blessing if we all stooped no lower in our business transactions to one another than to exchange our produce for their value in money in a department store.

The Greek has not yet invaded us, and I believe that is merely because he has heard it is a slow town, and when he arrives he won't hurt any more than the public market, with its nominal rents. The "cheap sellers" we have had with us for many years; in fact, as long as human nature has been molded, and so we have had the cheap motives and cheap disposition and cheap pen, and why not? Without evil we should not enjoy the good. Without sorrow we should not know what joy is. And without stupidity we could not discern cleverness.

Visitors.

There has been an army of visitors of late, chief among whom was Harry Balley, Joseph Rolker, S. S. Skidelsky, Mr. Hageman and George Fancourt. "Dear Gange" looked fine you know. W. S.

ST. LOUIS.

The Market.

The weather has been quite warm the past week, and has made cut flowers of all kinds more plentiful, and most of the stock is of excellent quality. The retail trade is not very brisk. With the exception of funeral work, which seems quite plentiful, and a few weddings and receptions, very little is doing.

Roses are generally good. Beauties are scarce; other roses, such as Brides, Maids, Meteors, Perles and Woottons, are selling from $2 to $3 per 100; extra select stock, $4 to $6, with plenty of them on hand for the demand.

Carnations are quite plentiful and still up in price; $2 and $3 per 100 is asked for the best, and a few are sold at $1.50. Some fine Marquis is in the market, which brings $3; Lawson, the same; White Cloud is the best white just now and is selling well.

Violets hold out well. Quite a lot of them are still coming in, but they are small and not of good color. They sell at 25 and 30 cents per 100. Sweet peas are much in demand and the quality is good; price, 50 cents to $1 per 100. Harrisiis and callas are very plentiful at 10 cents, or $1 per doz., $8 per 100. Greens are still scarce and only a few ferns are coming in. Smilax is selling at $15 per 100 strings.

A visit to Union Market Saturday found all hands busy. As the day was warm a great lot of stuff was unloaded. Sanders, Schray & Sons and C. Young & Sons Co. have the largest assortments, and should this fine weather continue, they will have their hands full from now on.

A visit the same day among the seedmen found them all very busy. At Plant's, Dickman's and Schisler-Corneli's they say the business was never better than now.

Notes.

The Riessen Floral Company furnished the decorations for the World's Fair banquet last Tuesday night at the Planter's hotel. Mrs. Riessen says that 300 American Beauties, 10,000 carnations, 2,000 mixed roses and four vans of palms and other plants were used. The banquet was one of the largest ever held in the city and was very elaborate. Great credit is due the Riessens for the manner in which they handled the affair.

Max Herzog and wife will leave for Europe early in June to be gone about two months. Max will give the club the benefit of a report of his travels in a paper on what he saw of our business while abroad.

W. A. Chalfant, of Springfield, Mo., was a visitor the past week. Mr. Chalfant says that business is tip-top in Springfield. Mr. Block, of the Cincinnati Cut Flower Company, was also a visitor for a few days calling on his many friends.

August Schuerman, of the Schuerman Floral Company, has gone to Peoria, Ill., to make large and extensive decorations for the May Music Festival and G. A. R. state encampment on May 6th to 16th. This is the largest decoration Mr. Schuerman has ever undertaken.

The race for the appointment of park commissioners and superintendent of public parks is quite interesting and the following are in the race: C. C. Sanders, Theo. Klockenkemper, Alex. Waldbart, Andy Meyer, Jr., and J. J. Beneke. The rule is, "none but Democrats need apply," so let the best man win.

Club Meeting.

The next meeting of the club will be held Thursday, May 9, at 3 p. m. This will be the last meeting at which essays will be read, and Messrs. Carew Sanders, Carl Beyer, H. G. Berning, E. W. Guy, Max Herzog and R. J. Mohr are each booked for an essay.

A fine lot of sweet peas have also been promised for exhibition.

President Guy says that the members should turn out, as this will be the last indoor meeting for some time. It is the club's intention to hold its meetings during the summer at the homes of its members. The first of these meetings will be held in June and the place will be selected at the next meeting of the club. At this meeting we will also hear the reports of the exhibition and the World's Fair committees. Some of the old faces which have not been seen at the meetings for some time would be welcomed.

Pan-American.

The Missouri commission of the Pan-American shipped a carload of plants from Shaw's Garden to Buffalo last Wednesday; the plants were some of the finest in the garden. Messrs. Beall, Garow and Secretary Yost of the commission, departed Saturday for Buffalo, where they will begin active arrangements for the exhibition, and all the departments of the commission expect to have everything in readiness for the opening.

In the agricultural exhibits there will be twenty-seven varieties of corn, twenty-one kinds of grasses and all the kinds of oats which the state produces. One hundred and forty-two barrels of exhibition apples have been taken out of cold storage and are now in Buffalo. Missouri will be represented in the divisions of agriculture, horticulture, mines and mining, forestry and dairy. Your correspondent vouches that our friend William Scott will take the best of care of them.

Mr. A. A. Harper, of Pine Bluff, Ark., is in town calling on the trade. Mr. Harper says the REVIEW is the best advertising medium for the trade, a small ad sold him 8,000 moonvines in one week.

Bowling.

Five members met at the alleys last Monday night and some good games were rolled. Mr. Harper, of Pine Bluff, Ark., was a looker-on and enjoyed the sport very much. The following scores were made:

	1	2	3	4	5	Tot.	Av
A. Y. Ellison	207	155	215	...	...	577	192
C. A. Kuehn	184	193	165	140	192	874	175
F. C. Weber	159	166	156	139	...	620	155
J. J. Beneke	163	148	149	162	153	705	153
F. M. Ellis	96	118	89	...	...	303	101

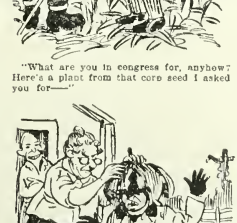
J. J. B.

TEWKSBURY, MASS.—A. Roper will soon build a 300-foot long house for carnations.

The Congressman—"Thank goodness, I've got all my seed packages addressed to my constituents. That makes so many votes solid."

Two months later. "Do you call this a geranium, Mr. Servus?"

"What are you in congress for, anyhow? Here's a plant from that corn seed I asked you for——"



"So you'd like a slice of that watermelon, hey? Here, take a whole one of the kind you sent us!"

—Chicago Daily News.

FREE SEED SCANDAL.

Weight has been given the allegations of irregularity in connection with the free distribution of seeds by distinct charges made by the Wholesale Seedsmen's League of the United States. The charges are made in a protest to the Department of Agriculture against payment for seeds furnished on the April contract. Four specific accusations are urged over the signature of the secretary, any one of which, if substantiated, should be sufficient to stop payment on the vouchers of the contractor.

The league, through its secretary, declares:

First—The specific varieties of seeds indicated in the printed specifications of the 27th of January, 1900, have not been supplied, but very common and very cheap sorts substituted, this giving the contractor great advantages.

Second—No varieties whatever are named on the printed packets, only the words "A selected variety," this giving the contractor great advantages.

Third—The stipulated weights named in the specifications of the 27th of January, 1900, have not been given, but reduced quantities—from 10 to 50 per cent less than the specifications, this giving the contractor great advantages.

Fourth—Because of other irregularities which can be named, giving the contractor extraordinary advantages for enormous profits.

As the Wholesale Seedsmen's League is composed of men of standing in their line, it is the duty of the government to make a prompt and rigid investigation of these serious charges. Such action is the more imperative because the secretary of the league is reported to have made statements in an interview which may be taken as implicating the Department of Agriculture in the charges as to the manner in which the seeds have been put up and sent out by the contractor. The department cannot afford to have the suspicion of either negligence or implication in irregularities rest upon it. Hitherto it has only been regarded as the helpless medium for the distribution of cheap and sometimes pestiferous seeds of the type of the Russan thistle. Congress being the responsible and ordering body. Implied irregularities, or gross negligeneee in connection with the contracts is another matter which it behooves the department to take cognizance of. It should promptly free itself from any suspicion, if it can. The free distribution of seeds, as it is carried on under the direction of Congress, is a disgraceful exhibition of paternalism, without the shadow of an excuse. But since the Department of Agriculture is compelled to superintend the distribution, it should insist that the specifications of the contract are fully lived up to.—*Philadelphia Public Ledger*, April 24.

THE ANNUAL GARDEN SEED RAID.

The government is devoting a certain portion of its time and money now in sending out to the constituents who are supposed to be in shape to use the gift certain allotments of garden seeds, procured for the purpose of free distribution from the seedsmen and gardeners over the country. We in the United States laugh at the hereditary absurdities that hinge about the British throne, forgetting that we have a few of our own. One day, no doubt, the garden and field seeds that were distributed by the government were scattered over the country with the intention of introducing new varieties and improving the products of the farm and garden. Farmers were requested to report the

success of the experiment that the benefits might be made known generally. The farmer became a helper in exploiting new things.

Now the seeds are sent out in packets, labeled simply "selected variety," without name or description whereby the farmer could report his success if he felt disposed to do it. The whole practice has so far departed from the original design that it is no more than a gift enterprise on the part of the general government, which sometimes gets the right seed into the hands of the man who wants it, and just as often sends the squash seed to the man who has plenty and who would rather have free cucumber seed than so many brussels sprouts, which will not grow in his neighborhood and which he does not like anyway.—Pittsburg Chronicle Telegraph.

TOLEDO, O.

The announcement in the last issue of the REVIEW that the Henry Phillips Seed Co., of this city, had been awarded a share of the government seed contract, amounting to over $90,000, was correct, but since that award was made the above named company has received the rest of the order, so they now have the entire contract, amounting to about $200,000.

CLOVER SEED.

C. A. King & Co., Toledo, O., report under date of April 27:

this season to date, 126,400 bags, against 166,000 a year ago; 98,000 two years ago, and 134,000 three years ago. To day there was no trade. No two seed offering. Prime was neglected, 6.55 asked; 1898 prime, 6.40 asked; October new, 5.35 bid."

Views in the Conservatory attached to the store of F. C. Mendonza, Chicago, at Easter.

"Very quiet and trade of a retail character. It is thought there will be some demand until the middle of May, owing to the backward season, especially in New York state. There is still some left here, but very little elsewhere. October in fair demand, trade light. Receipts today were only 16 bags, making 366 for the week, against 1,916 a year ago. Total this season to date, 69,783, against 144,000 year ago; 80,800 two years ago and 200,000 three years ago. Shipments today, 175 bags, making 2,528 for the week, against 2,859 a year ago. Total

BOSTON.

Trade Conditions.

A perambulating floral salesman of Boston who is as busy as I have to keep myself in order to earn a half-decent living, does not get half the opportunity to see and hear things that might be expected outside of his own narrow personal experiences. And all of these might not look well in print as buyer and buyee do not always observe usages of best society in their negotiations. However, a course of five or six years at one of the 3x3 stands at the Park street market will surely quicken his senses in many directions. I well remember how it bothered me in my freshman year to try to take advantage of the almost daily fluctuations in prices on my commodities. But as time dragged on I began to see that the sound of the room after the people had gathered was a sure thermometer (or barometer, since pressure is measured rather than heat) of the amount of real trade being carried on. It cannot be described nor learned in a short time. This acquired seventh sense of mine told me during the first few days of the week beginning March 21 that the floral condition was getting badly demoralized. And why not? A month of rain and cloud, and conditions getting worse and worse every day. No goods coming in to be sold and nobody coming in to buy them. But really there was just enough going on to handle the extremely light cut of everything. It was lucky for the buyers that a cheap line of material was largely what they looked for, because there was but little else. Things were generally degenerating into a series of rummage sales of floral hash, when old Sol gladdened all hands on Friday by a short call, and Saturday morning found him on hand and acting as if he had come to stay. More goods came in on that day than could be expected as the result of a few minutes of sun the day before and holiday times were illustrated by the way in which buyers climbed after them. Everything was emptied but the pockets of the salesmen.

Prices had been looking up a bit for a day or two, but now jumped up and fought the buyer, tooth and nail. Well, we fear "it's der last chance" until Memorial day. In this case it is "Make hay because the sun did not shine."

J. S. MANTER.

LEADVILLE, COLO.—The Leadville Floral Society has taken steps to awaken enthusiasm in the celebration of Arbor Day.

NEW YORK.

The Market.

Business is good in every branch of the trade, notwithstanding that for the past few weeks we have had an almost continuous downpour of rain; the weather is simply glorious at present, however. Forsythia and tulips are in bloom in the parks and everything is rapidly bursting into leaf. It looks now as if it were going to be a short and busy season.

The prices on the plant and cut flower market maintain a good average; good stock has somewhat shortened up. We don't hear so much about intended excursions to Europe this year, but there promises to be a general exodus to Buffalo; several of the largest growers have been out there sizing up possibilities for extending their already large exhibits; we are told Julius Roehrs is there at present on a short visit.

The Pan American Exhibition affords splendid opportunities to the American grower. You will remember that floriculture at the World's Fair was not what it ought to have been. Some of the saving points of that show were made by small contributors, which, when combined, made very creditable exhibits. We hope that Brother Scott's endeavors will be supported by everyone; that the series of flower shows will be made great successes—worthy of the country—and this can only be done on the principle that every little helps.

Various Items.

There will be several removals among the store people here this May, owing to the tearing down of the buildings they occupy at present. Alex Warendorf, instead of combining with Fleischman, will occupy a temporary store at 9 West Thirtieth street; M. Hart, the wholesaler, moves over to keep Julius Lang company in Thirtieth street. The Cut Flower Company have moved from Twenty-third street to the corner of Twenty-sixth street and Sixth avenue; they occupy the third floor of the building; down in the basement there are six alleys which will most likely be well patronized during the summer.

The Florists' Club is making great efforts to put up a record breaking show in Madison Square Garden next October; this can only be accomplished by growers preparing for it now; get a schedule and grow something if only one plant. The show at the Bronx park, on May 9, will be of interest to all. Representatives of the Botanical Garden will meet most of the trains and show the visitors over the grounds and buildings. A lecture on "Some Cultivated Plants and Their Flowers" will be given with splendid colored illustrations, by Cornelius Van Brunt, in the museum at 4 p. m. Altogether a pleasant time is assured. The show will continue until the night of the 9th.

The seedsmen at their recent meeting here passed severe resolutions against the government seed scandal. The seedsmen can do anything they want by unity.

The annual meeting of the New York Cut Flower Exchange will be held on Saturday morning, at the Market at Thirty-fourth street ferry. They have another year's lease on the building, but it is expected that this once great institution will be shortly dissolved; most of the principal growers are tired and disgusted with the prevailing conditions and no doubt an important change will soon be made. No doubt they will move up to the wholesale district where, though it may not be so convenient, they will yet have better opportunities to dispose of good stock at living prices.

It's funny how some rumors float about. Most of his comrades had Ghormley retiring from business last week but he assured us that there was no truth in it.

Bowling.

Bowlers keep steadily at work. Last week there was a match between W. J. Stewart and S. Butterfield for a Broadway hat. It's Stewart's time to treat.

The New York bowling team won the Arlington tournament, competing with some of the crack teams of this city. They are steadily preparing for Buffalo. Scores last night were:

Burns	182	189	159
Lentz	182	177	180
Siebrecht	155	163	180
Lang	189	193	186
Theilmann	196	205	226
Taylor	100	127	126

J. I. D.

PHILADELPHIA.

The Market.

The cut flower market was active during the end of last and early this week. The return of the sun, absent three weeks out of the four, has closed this rainy month cheerfully. By the time these hurried notes see light we shall in consequence probably be struggling under an avalanche of stock.

Beauties sell well and are fine. Specials bring $2 to $3 a dozen; good flowers, with stems 24 to 30 inches long, bring $1 to $1.50, while small flowers on weak stems are in fair demand at 50 to 75 cents. Brides sell well at $4 to $8 a hundred, most of them bringing $5 and $6. Maids are about the same in price and sell a shade slower. Of the other roses Liberty sells fairly well; special blooms have brought as much as Beauty.

Carnations are wanted—pink a little more so than white; $1.50 to $2 buys pretty nice stock, with fancies a point or two higher. Violets hold out yet a little longer. Lady Campbell is worth 50 cents a hundred and a few brought 75 cents. Valley is used freely at $3 and $4, and mignonette is $2. It isn't the Chestnut St. brand that ornaments the curb but a sort with a saline taste unknown behind plate glass. Smilax sells well at 15 and 18 cents a string and asparagus at 50 cents a bunch. Bulbous stock from outdoors is seen occasionally. Sweet peas are wanted when fine; white varieties are especially scarce.

Plants.

Hardy roses for planting out of doors are in great demand, a few in 5-inch and many in 6-inch pots, at prices ranging from $2.50 to $4 a dozen.

Next week will usher in the bedding plant season. It is very difficult to give an accurate report of this extensive business. It is scattered over too broad an area. Nine-tenths of our growers do a little in this line and many of them seldom figure in the cut flower or palm market; they retail most of their product at their own doors and send the balance to the city. When the bedding season arrives they bob up serenely with an extra fine lot of geraniums, fuchsias, verbenas and other stock, part of which they will wholesale at from 25 to 33 1-3 per cent off their retail price. Of course there are a few large growers of these soft wooded bedding plants, but they do not control the market, which has had rather a downward tendency of late years.

Various Items.

The rose problem is giving some of our growers a good deal of difficulty. The necessity for variety is admitted; the difficulty of making a market for a rose is the drawback, even when it is as well done as the standard sorts.

Meehy's is a sort of mecca for the uptown craft just now. Here the lordly retailer in search of fifty assorted roses is seen side by side with the itinerant street peddlar in search of half a dozen shacks. This place has made a specialty of pot roses for years, and they are as a rule cleverly done.

Edward Drown, of Weldon, has had a good season on small ferns. His houses are now filled with bedding plants and seedling ferns for next season's business. He also has a fern which he believes to be identical with Nephrolepis Wittboldii.

S. Mendelson Meehan has a plan for giving the members of the Germantown Horticultural Society field days, so to speak, during the summer months.

PHIL.

STERILIZING SOIL.

It is generally recognized that the way to combat insects and other pests is to prevent their appearance rather than to attempt to eradicate them after they have obtained a foothold, and it is evident that the only way to effectively guard against the presence of eel worms and grubs in the soil is to sterilize it, or destroy all living organisms it may contain by the application of heat in some form. Some have held that when this is done the soil has been injured as well as the pests killed but recent investigators say that the useful organisms are soon restored to the soil through the medium of the water applied to it.

Among those who have attempted the sterilization of soil on a large scale is Mr. W. W. Rawson, who has large market gardens at Arlington, near Boston. He reports very favorable results during the past two years, though present methods are far from economical. He says:

"I had sterilized in a box that holds about 3 feet, cord measure, and spread it on the top of the beds in my houses about two inches deep. It takes a long time to cover a space of half an acre but it pays. I am trying another plan for next year and expect to sterilize the soil in all my houses, over thirty in number, some half an acre in size, to the depth of a foot. It will cost considerable, but I consider it very beneficial and shall do the whole of them no matter what it costs. It thoroughly renovates the soil and the crop will grow to perfection while all insects are entirely exterminated.

"I heat the soil to 210 degrees and with the arrangement I have perfected can sterilize a space 90 by 16 feet in an hour. With four men this will take four weeks steady work. I cannot now go into further details but may say that

McKELLAR & WINTERSON

Wholesale Dealers in Everything for Florists.

SEND FOR OUR 1901 CATALOGUE.

45-47-49 Wabash Ave., CHICAGO.

Mention THE REVIEW when you write

all my experiments have been very satisfactory."

If the renovation of the soil is complete as stated by Mr. Rawson it may be possible through this means to do away with the annual refilling of rose and carnation houses. With a number of permanent steam pipes run through each bench it would be possible to rein vigorate the old soil so as to make it available for continued use by the mere addition of fertilizers, as well as insuring absolute freedom from insect and fungous pests in the soil.

The matter is certainly of sufficient importance to warrant further experiment and investigation than it has already received. Certainly no large grower would hesitate at an initial expense of some little amount should it result in doing away with the heavy annual expense of refilling his houses, especially where new soil has been so largely exhausted as in some localities.

If you want a copy of the Florists' Manual, by William Scott, and cannot spare the full amount ($5.00) at once, write us for our monthly payment offer.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

WANTED—Some good second hand 2-inch and 1-inch pipe; also a few boxes of 10 x 18 or 16x16 glass. Burr D. Alton, Fairmount, Minn.

WANTED—Young man, with some experience in greenhouse, potting, bedding, etc. Gift Floral Co., Richmond, Ind.

SITUATION WANTED—As apprentice to learn the trade; private or commercial; willing; intelligent; age 16. C. Lawrence, 233 West 68th Street, New York City.

WANTED—A good rose grower. Frank Garland, 55 Wabash Avenue, Chicago.

FOR SALE OR RENT—By July 1, 8000 feet of glass in a lively western town; houses and boiler new; good dwelling and barn. Address J. care Florists' Review.

SITUATION WANTED—As plant and cut-flower salesman in a large city store; can do design work; 20 years' experience in the florists' business; Cleveland, O., Pittsburgh, Pa., and Rochester, N. Y., preferred; Scotchman, 35 years of age, married, and of good address; references will speak for themselves as to character, ability, etc.; position must be permanent. Address Practical, care Florists' Review.

FOR SALE—Cheap, on account of sickness, one of the best florists' businesses in Chicago; low rent and long lease. T. J. Corbrey, 1409 and 1411 W. Madison Street, Chicago.

WANTED—A single young man, with some experience in greenhouse work; must be willing, able and of good habits; a permanent place if satisfactory to both parties. Law Floral Co., Shelbyville, Ind.

FOR SALE—$1,600.00—In an Ohio college town of lot 75x300 feet; 3000 feet of glass, erected 1899, choice location; steam heat, gas or coal; paying business; established 7 years. Address Greenhouse, care of Finley Real Estate Agency, Columbus, Ohio.

FOR SALE—Some extra good second hand 3-in pipe at 6c per foot; also some 4-in; guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave., Chicago.

...WANTED...

Young man or woman to run a florist's store in suburbs of Boston; must be able to make up, do decorating and give best of references. Address FLORIST, Carrier No. 637, Somerville, Mass.

POSITION as Manager or Foreman WANTED

by competent man of over forty years experience in all branches of horticulture, or would run good commercial place on shares; best of references; good wages and steady position desired. Address—

LOUIS SALINGRE,
care of H. A. Dreer or H. F. Michell,
PHILADELPHIA, PA.

FOR SALE—Ten greenhouses, about 22,000 ft of glass, mostly 16 x 24 glass, heated by hot water. Large brick coal cellars, will hold four cars of coal. The greenhouses are built on a southern slope, and all in good condition, and planted to roses, carnations and bedding stock, all fine order. Also all plants for next year's crops. Two dwellings; one house has six rooms and basement, and other ten rooms and basement, both heated with hot water; separate boilers. Good city water pressure, and a little less than four acres of fine land. Close to cemetery; inside city limits. Fifty miles from Chicago and thirty-five miles from Milwaukee. This place must be seen to be appreciated. Apply to

LEWIS TURNER, Kenosha, Wis.

Mention THE REVIEW when you write.

A Splendid Lot of ASPARAGUS SPRENGERI.

From 2-inch pots, prepaid	$2 00 per 100
From 2½ " "	3 00 "
From 3 " "	4 00 "

These are worth twice the money.
Safe and satisfactory delivery guaranteed.
Send cash with order and they will be sent prepaid as above.

FRED. RAFFERTY,
Hermosa Gardens, SANTA ANA, California.

Mention The Review when you write.

PANSIES AND VERBENAS.

Pansies—Extra large plants of Bugnots, Cassiers and Odier, coming in bud, $1.00 per 100.

Mammoth Verbenas, large plants, red, white, blue and pink separate or mixed, 60c per 100, $4.00 per 1000; 2-inch, in large bud, $1.25 per 100.

Geraniums—Nutt, Grant, Red Bruant and La Favorite, 4-inch, in bud, b'oom or without, $6.00 per 100. Heliotrope, rooted, mixed, $1.00 per 100. Ageratum Blue Beauty, rooted, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention THE REVIEW when you write.

Hardy Cut FERNS $1.50 per 1000

Also

Bronze and Green GALAX, A-1 Stock.

Write for prices on Galax in large quantities.

HENRY M. ROBINSON & CO.
32, 34, 36 Court Square,
BOSTON, MASS.

Mention THE REVIEW when you write.

Sweet Peas

FOR EARLY FLOWERS.
SADIE BURPEE, white, from 3-in. pots, $3.50 per 100.

CHARLES E. MEEHAN,
Slocum & Musgrove Sts., Germantown, Phila., Pa.

Mention The Review when you write.

NEW RED CANNA Ad. Dewey,

Extra large flower and truss on stout erect stems, color, bright orange scarlet and early, free and continuous bloomer. Strong started plants, $20.00 per 100.

Carnation Pot Plants—see classified list.

HARKETT'S FLORAL NURSERY, DUBUQUE, IOWA.

Mention The Review when you write.

SPECIAL IN.....

GERANIUMS.

10,000 4-inch. 5,000 3-inch. 5,000 2½-inch.

RED, WHITE, PINK and SALMON. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention THE REVIEW when you write.

VERBENAS and COLEUS.

Verbenas from pots, $2.00 per 100, $18.00 per 1000. Coleus R. C., 60c per 100, $5.00 per 1000.

Cash with orders.

S. D. BRANT, Clay Center, Kan.

Mention THE REVIEW when you write.

FIVE TIMES AS MANY.

I spent $2 in the classified columns of the Review and as a result sold five times as many plants as I did through $25 worth of advertising in another paper. This is experience that can't be gainsaid.—G. P. Moore, Ocean City, N. J.

ST. PAUL.

The damage suit brought by Chris Hansen against the St. Paul Gas Co. was settled out of court to Mr. Hansen's satisfaction by the company after the case had been on trial two days.

Mr. Hansen in his complaint said that he owns fourteen greenhouses on Dale street, near Como avenue and Front street. In 1898, as he complains, the defendant put in gas mains. The gas escaped, and he demanded $12,000 for the plants killed, $3,000 for the flowers which he could not sell by themselves and $300 for extra expenses and $5,000 for injury to his trade.

The defendant denied the allegations of the complaint, and also said that it had laid the gas mains on the premises of the plaintiff, that he would take and use gas in his establishment, which he did not do.

The case had been to the supreme court on a motion to strike out portions of the pleadings, and in this appeal the plaintiff was successful.

After the case had been on trial two days the company's attorney evidently saw the case was going against them and therefore offered Mr. Hansen a satisfactory settlement, which was accepted.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of all visitors who expect to attend the convention of the S. A. F. in Buffalo.

While it is true that hotel rates will be higher than usual, there are any number of apartment houses that have been fitted out for the accommodation of Pan-American visitors; also private houses in the residence portion of the city, where rooms can be had for $1 and up for each person, and in many breakfast will be served if desired, while other places will give all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same secured in advance by addressing the chairman of the committee, W. A. Adams, 479 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the S. A. F., as the executive committee look to the Buffalo Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one will be overcharged at any place, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

THE COMMITTEE.

PHILADELPHIA.—Mr. H. Bayersdorfer, of H. Bayersdorfer & Co., sailed May 1 on the new international steamship "Zeeland" for his annual purchasing trip abroad, to select an immense stock, keeping his eye open particularly for the novelties the European markets offer.

PALATKA, FLA.—J. B. Donnelly has sold his florist's business to Mrs. J. H. Heston, Sr., who will continue it.

SAN ANTONIO, TEX.—The eleventh annual flower parade and battle of flowers was held here April 20th and was more gorgeous than any of its predecessors. The festival is held to celebrate the anniversary of the battle of San Jacinto.

LAWRENCE, N. Y.—The gardeners of this vicinity have organized the Lawrence-Cedarhurst Horticultural Society. J. G. McNeill is president and Alex. McKenzie secretary.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

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ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered **NOW FREE** anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

Geraniums! ...Coleus!

10 varieties, 2½-inch pots, $3.00 per 100.
10 varieties, 3½-inch pots, $4.00 per 100.

		Per 100
Alternantheras	Yellow	$1.50
	Red	2.00
Asparagus	Sprengeri	2.00
	Plumosus	3.00
	Decumbens	10.00
Vinca Vines, 2 var		2.00

15 varieties, 2-inch pots, $2.00 per 100

	Per 100
Centaurea Gyn	$2.00
Verbenas, 15 var	2.00
Pansy Plants	1.50
Pansy, small seedling, 1000, $3.00	.50
Ageratum, blue	2.00
Smilax, May 15	1.25

CASH OR C. O. D. **JOS. H. CUNNINGHAM, Delaware, Ohio.**

Mention THE REVIEW when you write.

Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootton, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, Brides, Maids, etc

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 2 and 2½-inch. Extras.
CANNAS in 4-inch.
VINCAS, PELARGONIUMS, etc
Write us about BOSTON FERNS.
COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Geo. Sanderson & Sons

Florists,

Elm St.,

WESTON, MASS.

BOSTON, MASS.

TO WHOM IT MAY CONCERN:—We have bought Pansy plants of many different parties in the vicinity of Boston and other places, but none have been as satisfactory in every respect as those we bought of Messrs. Geo. Sanderson & Sons, of Weston, Middlesex Co., Elm St., Mass.
WATERHOUSE & MORRISON,
72 Blackstone Street, Boston.

ONSET, MASS.

MESSRS. GEO. SANDERSON & SONS, of Weston, Mass. Gentlemen:—The Pansies that we had of you last season gave great satisfaction. They were very fine.
WHITE & WOOD, Florists, Onset.

Mention The Review when you write.

...VIOLETS...

Orders booked now for Rooted Cuttings and Pot Plants of Imperial, Marie Louise, Farquhar, and Lady Campbell.

10,000 Crane, White Cloud and Flora Hill, from soil, at a bargain. Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write.

VEGETABLE PLANTS.

TOMATO.—Lorillard, Mayflower, Dwarf Champion, Acme, Stone, and other varieties ready for transplanting. 15 cts. per 100; $1 per 1,000; $8.50 per 10,000; if by mail add 10 cts. per 100.

EGG PLANTS.—N. Y. Improved,—good size for transplanting or potting; 25 cts. per 100; $2 per 1,000; $15 per 10,000; if by mail add 10 cts. per 100.

PEPPER.—Bull Nose, Ruby King, Sweet Mountain, and other varieties ready for transplanting; 25 cts. per 100; $2 per 1,000; $15 per 10,000. If by mail add 10 cts. per 100.

BEET.—Early Egyptian, 20 cts. per 100; $1.50 per 1000; $12.50 per 10,000. If by mail add 10 cts. per 100.

CELERY.—White Plume and Golden Self-Blanching, small plants ready for transplanting, 15c per 100; 75c per 1000; $3.00 per 10,000. If by mail add 10c per 100.

LETTUCE.—Grand Rapids, Curled Simpson and other varieties. 15 cts. per 100; $1.00 per 1000; $8.50 per 10,000. If by mail add 10 cts. per 100.

CAULIFLOWER.—35 cts. per 100.

CABBAGE.—In variety, 25 cts. per 100; $1.25 per 1000. CASH WITH ORDER.

R. VINCENT, Jr. & SON, White Marsh, Md.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

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BULBS and PLANTS.

DAHLIAS, mixed, $3.00 per 100.
GLADIOLUS, mixed, 50c per 100.
STRONG CANNAS, 2½-inch, $2.50 per 100.
BOUVARDIAS ..... $3.00 per 100.

LEVANT COLE, -- BATTLE CREEK, MICH.

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AT $2 PER 100. Strong Stock in Shape to Retail.

Artillery Plant, Begonias, Rose Geraniums, 3 var., Fuchsias, 5 var., Cyperus Alt., Marguerites, white and yellow, Heliotrope, white and purple, Cuphea, Coleus, Geraniums, mixed. Geraniums, named, $2.50 per 100; 2½-in., repotted, in bloom, $3.00; 3-in., $5.00 per 100. Cannas, 3-in., 10 var., $5.00; dry roots, $2.50 per 100. Fine 3-in. Vincas, $5.00; 2-in., $2.00. 3 var.—Major var. and 2 others. R. C., $1.00 per 100. Send for list.

E. G. BUNYAR, Independence, Mo.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilon, fine trained plants, 4-in., $6.00 per 100. Greene & Underhill, Watertown, N. Y.

Abutilon, Eclipse Strain, 2-inch, $2.50 per 100. L. Reese, Springfield, Ohio.

Abutilons, 6 colors, 2½ in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

ACALYPHA.

Acalypha Sanderi, 2½-in., $2.00 per 100; Acalyphas marginata, tricolor-leaved and tricolor, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

ACHYRANTHES.

Achyranthes, rooted cuttings, $1.00 a 100. Greene & Underhill, Watertown, N. Y.

AGERATUM.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent Jr., & Son, White Marsh, Md.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 288, Nashua, N. H.

Rooted cuttings. Per 100: Princess Pauline, $1.25; Stella Gurney, $2.00; blue and white, $1.00. Greene & Underhill, Watertown, N. Y.

Ageratum Blue Beauty, new; best dwarf; rooted, 15c per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum Princess Pauline, 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Ageratum, 2½-in., 4 sorts, $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Ageratum, blue, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Alternantheras, Red; strong, bushy plants, well colored, 3 to 4-in. in dia., $5.00 per 1,000. Strong rooted cuttings ready for open ground, red and yellow, $3.00 per 1,000; 2,000 for $5.00. Dickerson & Belden, Box 275, Miami, Fla.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternanthera aurea nana, rooted cuttings, 50c per 100; $4.50 per 1000, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

2000 alternantheras, 2 kinds, September rooted, choice plants, 60c per 100. Cash. Theo. Fuhr, Beloit, Ohio.

Alternantheras, red, yellow, pink, strong plants, 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, rooted cuttings, summer, $1.00; winter, 60c. Greene & Underhill, Watertown, N. Y.

Alternantheras, red and yellow; good rooted cuttings, $4.00 per 1,000; 100 by mail, 50c. C. G. Nanz, Owensboro, Ky.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

California Giant, for vases and baskets, and Little Gem, for borders, 2½-in., $1.50 per 100; $12.50 per 1000. Buckley Plant Co., Springfield, Ill.

Alyssum, var., 2¼ in., $4.00; R. C., $1.25 a 100. Dbl. Giant, $1.00 a 100.
Greene & Underhill, Watertown, N. Y.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Sweet alyssum, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Alyssum, Double Giant, $2.50 per 100. C. L. Reese, Springfield, Ohio.

AQUATICS.

Hardy water lilies; also the sacred lotus and its varieties. Egyptian lotus by mail, 50c each; extra large tubers by express $1.00 each. Catalogue free. W. J. R. Hards, Wayland, Ohio.

ASPARAGUS.

Asparagus Sprengeri, 2½-in., $2.50 per 100. A. plumosus nanus, fine young plants, 1½-in., $2.50 per 100; $22.50 per 1,000. A. scandens duplex (the elegant new asparagus), fine plants 12 inches high in 3-in. pots, $3.00 per doz. Good & Reese Co., Springfield, Ohio.

	Pot.	Doz.	100
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus nana, strong 2½-in., $3.00 per 100; $25.00 per 1000; from flats, $2.00 per 100, $18.00 per 1000. Sprengeri, 6-in. pots, $3.00 per doz., $20.00 per 100; 2½-in., $2.00 per 100, $18.00 per 1000. Smaxy Side Greenhouses, Box 1700, Paterson, N. J.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, from flats, $2.00 per 100. A. Sprengeri, 3½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Asparagus plumosus nanus, 2,000 strong, well grown seedling plants, $3.00 per 100; $12.50 per 1,000. Every one a good plant.
Law Floral Co., Shelbyville, Ind.

200,000 freshly picked A. plumosus nanus seed; from our own plants; ready to grow; 50c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $3.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Mergel & Son, Hamilton, Ohio.

Asparagus, per 100: Sprengeri, $2.00; plumosus, $3.00; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, from flats, $1.75 per 100; $15.00 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

500 Asparagus Sprengeri, extra strong, 2½-in. pots, $2.00 per 100; 3-in., $3.50 per 100.
Geo. Just, Jacksonville, Fla.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

A. Sprengeri, 2-in., $3.00; 2¼-in., $4.00 a 100. Greene & Underhill, Watertown, N. Y.

Asparagus tenuissimus, 2½-in., $5.00 per 100. John A. Doyle Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ASTERS.

Ostrich Feather, white, ditto pink, Giant Branching mixed, and Daybreak; Semple's Branching, in five colors, 50c per 100. After May 15, Semple's at $2.50 per 1,000.
A. & G. Rosbach, Pemberton, N. J.

Asters, white, pink and lavender, best strain for cut flowers, 1½ in. pots, $1.50 per 100. C. L. Reese, Springfield, Ohio.

Asters. Semple's mixed, from seed bed, $1.00 per 1,000, $8.00 per 10,000. H. W. Wieland, Newtown, Bucks Co., Pa.

Asters, white branching, 35c per 100; $2.50 per 1,000. W. D. Chase & Son, London, Ohio.

Asters, all leading sorts, 50c per 100. Cash. Converse Greenhouses, Webster, Mass.

If you read these advs. others would read yours.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100.
Samuel C. Moon, Morrisville, Bucks Co., Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

BEDDING PLANTS.

Geraniums, 4-inch pots.....per 100, $6.00
Geraniums, 3-inch pots,
Ready May 1st.....per 100, 4.00
Salvias, 4 varieties, 4-inch pots.....per 100, 6.00
Salvias, 4 varieties, 3-inch pots.....per 100, 4.00
Salvias, 4 varieties, 2¼-inch pots.....per 100, 2.00
Ageratum, Stella Gurney,
3-inch pots.....per 100, 3.00
Coleus, 2¼-inch pots.....per 100, 2.00
Dracaena Indivisa, 4-inch pots.....per 100, 8.00
Vinca Variegata, 5-inch pots.....per 100, 12.00
Also a full line of all other Bedding Plants.
Write for prices. Satisfaction guaranteed.
Low express rates.
J. S. Bloom, Riegelsville, Pa.

Geraniums, 16 varieties, including Poitevine, S. A. Nutt, dbl. and single Grant, La France, etc., 4-in., $5.00 per 100; same in 3-in., $3.00 per 100. Ivy geraniums, double, white, red and pink, 5-in., 60c per doz. Carnations, 2½-in. pots of the following: Scott, McGowan, $1.00 per 100, $9.00 per 1,000; Flora Hill, $1.50 per 100, $12.00 per 1,000. Alternantheras, red and yellow, $1.50 per 100, $12.00 per 1,000. Lady Ivy, 2-yr., 4-in., $8.00 per 100. Vincas, 5-in., 2 var. green and white in bloom, $1.50 per doz., $8.00 per 100. Cash with order. Alex Schultz, Phillipsburg, N. J.

Centaurea gymnocarpa, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Gymnocarpa grown cold, 2-in., $1.50 per 100. Mrs. A. L. Myers, Bluffton, Ind.

Centaurea gymnocarpa, $2.50 per 100. C. L. Reese, Springfield, Ohio.

BEGONIAS.

Double tuberous-rooted begonias. We offer a grand lot of these at an exceptionally low price. No better begonias are obtainable, and we offer them at an exceedingly low price. We can furnish them in five separate colors, white, pink, scarlet, yellow, and crimson. $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Begonia Rex, 3-in., $5.00 a 100; 4-in., $8.00 a 100. The above stock is in extra fine condition and should be shifted immediately. A large assortment of the best varieties. Nathan Smith & Son, Adrian, Mich.

Begonias, Mrs. Carnot, Argentea Guttata, Bertha de Chapeaurouge, Rolleau, Fairy, $3.00 per 100. Manicata aurea, 3-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonias, flowering varieties, 10 sorts, 2¼-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

BOUGAINVILLEA.

Bougainvillea, fine plants, 4-in. pots, $2.00 a doz.; extra large plants, 50c each. John G. Heinl & Son, Terre Haute, Ind.

Bougainvillea Sanderiana, fine, 2½-in., $5.00 per 100; $45.00 per 1,000. Good & Reese Co., Springfield, Ohio.

BOUVARDIA.

Bouvardias, $3.00 per 100. Levant Cole, Battle Creek, Mich.

BULBS.

Calla lilies, blooming bulbs, $3.00 per 100. Lily candidum, fine bulbs, $4.00 per 100. Tuberoses, fine bulbs, $5.00 per 1,000. Calla alba maculata (spotted calla), large bulbs, 2 to 3 inches in dia., will bring 4 to 6 blooms, $4.00 per 100. Caladium esculentum, strong bulbs, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Caladium esculentum, 5 to 7 size, 100... $2.50
Caladium esculentum, 7 to 9 size, 100.... 4.00
Caladium esculentum, 9 to 11 size, 100.... 7.00
Tuberoses, first size, Pearl..... $3.00 per 1,000
Tuberoses, second size, Pearl.... 2.50 per 1,000
Don't fail to get our 12-page catalog; just issued. PLANT SEED CO., St. Louis, Mo.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; $2.50 per 100. A few vinca minor left at $1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, $1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Tuberose Pearl. Ext[illegible] per 100; $6.00 per 1000. Fan[illegible], 12 finest named varieties, $1[illegible] Ch[illegible]hum Esculentum; large bulbs, [illegible] cir-cumference, $3.00 per 100. Ext[illegible], 9 to 12 inches in circumference, [illegible] F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros.. Englewood, N. J.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Ismene calathina. Splendid summer lily. Flowering bulbs, 1st size, $10.00; 2d size, $8.00 a 100. John G. Heinl & Son, Terre Haute, Ind.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Tuberoses, Double Pearl, largest size, 80c per 100; $5.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

CACTI.

Phyllocacti, six choice varieties Cereus flagelliformis, C. grandiflorus, E. C. procumbens, mamillaria, Nuttalii, $1.00 per doz. Aloe picta, A. Vera, Striped Century, $1.50 per doz. Echeveria californica, a fine bedder, $3.00 per 100; rooted offsets, $1.25 per 100. For all orders before June 1 $7.00 worth of plants may be selected for $5.00. Cash with order. Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Strong plants from 3-in. pots. Pres. Cleveland, J. Montell and Chas. Henderson, $3.50 per 100. Italia, Sunray, Eldorado, Burbank and Austria, $2.50 per 100. Also 500 dormant roots, 2 to 3 eyes, of Austria and Italia, $1.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Cannas, 3½-in. pots. Allemania, Lorraine, Pres. McKinley, Pres. Cleveland, Chicago, Papa, Fl. Vaughan, Yellow Crozy, Kronos and other good varieties, $4.00 per 100; $35.00 per 1,000. C. G. Nanz, Owensboro, Ky.

The new red canna, Admiral Dewey, extra large flower and truss, free and continuous bloomer. Strong started plants, $20.00 per 100. Harkett's Floral Nursery, Dubuque, Ia.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1000. Austria, strong plants from pots, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas, three good varieties, well-started, fine plants, $2.50 per 100; 25 at 100 rate. J. E. Marsh, Vienna Cross Roads, Ohio.

Cannas, 6 leading varieties, fine plants well established in pots, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Austria, strong, started plants, $3.00 per 100. C. L. Reese, Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, fine for vases, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

Last call for good carnation cuttings.

	100.	1,000.
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00
Mrs. Thos. W. Lawson, cerise pink	6.00	50.00
Marquis, pink	4.00	35.00
Genevieve Lord, pink	3.50	30.00
Ethel Crocker, pink	3.50	30.00
G. H. Crane, scarlet	3.00	25.00
Mrs. Geo. M. Bradt, var	3.00	25.00
Gold Nugget, yellow	2.50	20.00
Chicago, scarlet	3.00	25.00
Olympia, variegated	5.00	40.00
Gen. Gomez, crimson	2.00	15.00
Gen. Maceo, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Argyle, pink	1.50	12.00
Wm. Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, var.	1.00	8.00

CHICAGO CARNATION CO., Joliet, Ill.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the lan[illegible] sorts.

	100.	1,000.
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	3.00	25.00
Genevieve Lord	3.00	25.00
Crocker	2.50	25.00
Peru	2.50	20.00
Crane	3.00	25.00
Mrs. Bradt	2.00	17.50
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
White Cloud	1.25	10.00
Flora Hill	1.00	9.00

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Carnation cuttings from sand and soil. Lawson, $5.50 per 100; $50.00 per 1,000. Marquis, Lord, $4.00 per 100; $35.00 per 1,000; Crocker, Bradt, Crane, Maceo, $2.50 per 100; $20.00 per 1,000. White Cloud, Dean, $2.00 per 100; $15.00 per 1,000. Daybreak, New York, Scott, McGowan, $1.00 per 100; $8.00 per 1,000. Joost, $1.50 per 100; $10.00 per 1,000. Vinca var. from 4-in., $8.00 per 100. Cash with order. Shady Side Greenhouses, Box 1700, Paterson, N. J.

ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1000
Ethel Crocker	$4.00	$30.00
America	3.00	20.00
White Cloud	2.00	15.00
Flora Hill	1.50	12.00

MARTINSVILLE FLORAL CO., Nixon H. Gano, Mgr. Martinsville, Ind.

Carnations from soil and sand. Mrs. Lawson, $6.00 per 100; $55.00 per 1,000. Marquis and Lord, $4.00 per 100; $35.00 per 1,000. Crane, Bradt and Crocker, $3.00 per 100; $25.00 per 1,000. Maceo, $2.50 per 100; $20.00 per 1,000. Joost, White Cloud and Dean, $2.00 per 100; $15.00 per 1,000. McGowan and Scott, $1.25 per 100; $10.00 per 1,000. W. Nelson, Box 1450, Paterson, N. J.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses. McKELLAR & WINTERSON, 45, 47, 49 Wabash Ave., CHICAGO.

ROOTED CARNATION CUTTINGS.

Genevieve Lord	$3.00 per 100
Marquis	3.00 per 100
Olympia	3.00 per 100
Crocker	2.00 per 100

Other varieties at lowest market prices. Cash with order. H. P. SMITH, Piqua, Ohio.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

[illegible] $7.[illegible] Marquis [illegible] per 100, $40.00 per 1000 [illegible] Paul, $2.50 per 100, $2[illegible] per 100, $15.00 per 1000, [illegible] Dana, Meteor, Victor [illegible] $10.00 [illegible] Dana R. Herron, [illegible]

New pink carnation [illegible] A [illegible] Armazindy [illegible] pro-[illegible], fine stiff stem and [illegible] keeper. A [illegible] commercial pink [illegible] Rooted [illegible], $6.00 per 100, $50.00 [illegible] Guardian [illegible] Orphan Asylum, 401 D[illegible] [illegible]

Carnation rooted cuttings. Ethel Crocker and Mary Baker, $2.50 per 100, $2[illegible] per 1,000; Flora Hill and Triumph, $1.50 per 100, $12.50 per 1,000; Marquis, $3.00 per 100, Crane, $2.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

Carnation pot plants, well established, ready to plant out. Per 100: Genevieve Lord, Marquis, Morning Glory, $4.00; Crocker, Crane, $3.00; Mary Wood, F. Hill, F. Joost, $2.75. Harkett's Floral Nursery, Dubuque, Iowa.

Carnation rooted cuttings. Per 100: Ethel Crocker, $2.25; Flora Hill, $1.75; Webb, $1.25; Scott and McGowan, 90c; Cartledge, $1.00; Keller, $1.50. Arno S. Chase, Cumberland Center, Maine.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings ready now, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Healthy rooted cuttings from sand or soil. Wm. Scott, 75c per 100; $6.00 per 1,000. Helen Keller, 90c per 100. Snowdrift, $1.50 per 100. Cash. John R. Shreiner, Lancaster, Pa.

THE LAWSON. My stock is in fine condition, clean and vigorous. Rooted cuttings, $7.00 per 100; $60.00 per 1,000. PETER FISHER, Ellis, Mass.

Irene, the coming commercial pink, rooted cuttings $1.50 per doz., $10.00 per 100; $75.00 per 1,000. Crab & Hunter, Grand Rapids, Mich.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Prosperity, the largest fancy carnation. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Ethel Crocker, well-rooted stock from sand, $2.50 per 100; $20.00 per 1,000. Geo. R. Geiger, Nazareth, Pa.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Three good pinks, Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100. Albert M. Herr, Lancaster, Pa.

Strong carnations, 2½-in., $2.50 per 100. Levant Cole, Battle Creek, Mich.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz.; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Rooted cuttings in good condition, Willowbrook, best early, large white, $2.00 per 100. Ivory, Golden Wedding, Pacific, Bonnaffon, Maud Dean, Mrs. Jerome Jones, $1.50 per 100. David Scott, Fredonia, N. Y.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Yellow Queen, Mrs. H. Robinson, W. H. Chadwick, Golden Wedding, rooted cuttings, $2.00 per 100; 2-in., $3.00 per 100. F. R. Hills, Maywood, Ill.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Rooted cuttings of Bonnaffon and other leading chrysanthemums, $1.00 per 100; $8.00 per 1000. E. Volmer, 86 Palisade Ave., West Hoboken, N. J.

Chrysanthemum Timothy Eaton, the best white for florists, fine plants, $2.50 per doz. Good & Reese Co., Springfield, Ohio.

CHRYSANTHEMUMS Continued.

Chrysanthemums from flats, $1.00 per 100, $8.00 per 1,000; 2½-in. pots, $2.00 per 100, $15.00 per 1,000. All good var.
C. G. Nanz, Owensboro, Ky.

Chrysanthemums. Glory Pacific, Modesto, Blackhawk; good strong 2½-in., $2.50 per 100. Harry White, New Holland, Ind.

Chrysanthemum Merry Xmas, best late white, rooted cuttings, $2.00 a 100. Greene & Underhill, Watertown, N. Y.

CLEMATIS.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 5-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 5-in., 10c. W. H. Salter, Rochester, N. Y.

100 Clematis paniculata, 1 year, transplanted, $1.25, mailed free. John H. Ley, Good Hope, D. C.

Clematis, strong 2-year, in 4 and 5-in. pots, $2.00 per doz. F. A. Baller, Bloomington, Ill.

COLEUS.

Coleus. 2¼-in., $1.50 per 100, $15.00 per 1,000; 25 varieties, mixed; all top cuttings, well established; ready to pot up and propagate and guaranteed satisfactory in every particular. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Golden Bedder, 2-in., $1.50 per 100; $14.00 per 1,000; rooted cuttings, 60c per 100. Mixed coleus, fine assortment, 55c per 100. Cash with order. R. I. Hart, Hackettstown, N. J.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 50c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus, good assortment; cut back; branched and containing some cuttings, 2½-in., $2.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Coleus, separate colors, 75c; fancy and large leaf, $1.00; mixed, 60c a 100. 2-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Coleus. Nothing but gilt edge stock. 60c per 100, $5.00 per 1000. 3-in. pots, $2.50 per 100; $20.00 per 1000. Kennedy Bros., Pikesville, Md.

Verschaffeltii, Golden Bedder, Yellow Queen or mixed. Rooted cuttings or 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, rooted cuttings, standard and fancy sorts; cheap. Cash with orders. David Scott, Fredonia, N. Y.

Coleus rooted cuttings, 50 new choice varieties, 55c per 100. Cash with order. Theo. Fuhr, Beloit, Ohio.

Coleus, in best bedding varieties, $2.00 per 100; $18.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Coleus, rooted cuttings, 60c per 100; $5.00 per 1000. Cash. S. D. Brant, Clay Center, Kan.

Coleus. 15 varieties, 2-in., $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

CYCAS.

Cycas revoluta. Dormant stems. The long leaf var. only handled. New importation just arrived. Please state with order what size wanted, from ¼ lb. to 30 lbs. Per 100 lbs., $8.00; 500 lbs., $37.50; 1000 lbs., $70.00; 2000 lbs., $130.00. F. W. O. Schmitz, Jersey City, N. J.

Cycas revoluta, dormant stems, in sizes from 4 to 50 lbs., each at 10c per lb. in lots up to 100 lbs.; 9c per lb. in lots up to 200 lbs.; 8c per lb. in lots up to 500 lbs.; 7c per lb. in lots up to 1,000 lbs. H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas revoluta, dormant, $10.00 per 100 lbs. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen grand. spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1000. C. Winterich, Defiance, Ohio.

Cyclamen persicum giganteum, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

DAHLIAS.

Dahlias by the thousands. Get my list and then let me figure with you. Also gladioli, paeonies, etc. Prices reasonable; stock the best. W. W. Wilmore, Dahlia Specialist, Box 382 Denver, Col.

Dahlias, named, rooted cuttings, $3.00 a 100. Greene & Underhill, Watertown, N. Y.

Dahlias, mixed, $3.00 per 100. Levant Cole, Battle Creek, Mich.

DAISIES.

Anthemis (dbl. yellow Marguerite), $2.00 per 100. Snowcrest, 2¼-in., $4.00; 3-in., $6.00. Greene & Underhill, Watertown, N. Y.

Marguerites, white, 2¼-in., $1.25; 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

Dracaena indivisa, fine plants, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Dracaena indivisa, 4½-in., $15.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Dracaenas, 4-in. pot plants, $1.50 per doz.
A. & G. Rosbach, Pemberton, N. J.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.00	15.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica albo-lin	2-inch	.50	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Nephrolepis exalta, 2½-in., $2.00 per 100; N. Bostoniensis (the Boston fern), 2½-in., $2.50 per 100; $22.50 per 1,000; N. cordata compacta, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

100 ferns from flats, nice plants, 5 good sorts, $1.25, mailed free; $10.00 per 1,000 by express. 100 Boston ferns, strong, 3-in. pots, $4.00. John H. Ley, Good Hope, D. C.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns. 400 from 4-in. pots, 6 to 10 fronds, 18 inches to 2 feet long; in fine shape, $1.00 per doz.; $8.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz. A. J. Baldwin, Newark, Ohio.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

Strong Pteris tremula, out of 2-in. pots, $2.50 per 100. Mrs. E. Kuntz, Frankfort, Ind.

1,000 Boston ferns, 2½-in., ready to shift, $4.00 per 100. Geo. Just, Jacksonville, Fla.

Boston ferns, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Five or six varieties for ferneries. Write Geo. A. Kuhl, Pekin, Ill.

FORGET-ME-NOT.

Forgetmenot (winter), rooted cuttings, $2.00 a 100; 2¼-in., $3.00 a 100. Greene & Underhill, Watertown, N. Y.

FRUIT PLANTS.

For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

Imp. Gooseberry, 1-year, $5.00 per 1,000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

Josselyn, or Red Jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Baller, Bloomington, Ill.

FUCHSIAS.

Fuchsias. Per 100: Rooted cuttings, 8 varieties, $1.50; Sunray, Trailing Queen, $2.00. Trailing Queen, 2¼-in., $4.00. Greene & Underhill, Watertown, N. Y.

Fuchsias, double and single, mixed, fine, 2½-in., $2.00; rooted cuttings, $1.00 per 100. Cash. W. G. Haebich, Auburn, Ind.

Fuchsias, double varieties, 2½-in., $3.00 per 100; singles, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Fuchsias, single and double, good var., 2½-in. pots, $2.00 per 100; 300 for $5.00. C. G. Nanz, Owensboro, Ky.

Fuchsias, double and single, extra nice, 3-in., $4.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

GARDENIAS.

Jasmines, 2½-in.: Maid of Orleans, $3.00 per 100; Grand Duke, $3.50 per 100. Good & Reese Co., Springfield, Ohio.

GERANIUMS.

Geraniums. Strong selected top cuttings, well rooted, ready for 2½-in. pots of the following superb varieties: Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $1.50 per 100; $15.00 per 1,000. Sweet Scented, 2½-in., $2.50 per 100. Mme. Sallerol, 2¼-in., $2.00 per 100. Buckley Plant Co., Springfield, Ill.

One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Despres, Jean Viaud, Clyde, etc., from 2½ and 3-in. pots. A collection of 25 varieties, including one Little Pink for $2.50. Also standard varieties from 3-in. in bud and bloom, for bedding and market purposes. Marvel, Nutt, Mme. Bruant, etc., $5.00 per 100. W. E. Hall, Clyde, Ohio.

Geraniums, leading varieties, all in bud and bloom, 2-in., $2.00; 2½-in., $2.50, 3-in., $3.00; 4-in., $5.50 per 100, by the 1,000 at same rate. They are fine, strong plants, just right to pot up. We have strong, bushy plants of Mme. Salleroi from 2¼-in. pots and will sell at $1.75 per 100. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

GERANIUMS.
FINE ASSORTMENT
2½-INCH POTS,
$2.50 PER 100.
CASH.
G. W. WEATHERBY,
CHILLICOTHE,
MO.

Single and Double Grant, S. A. Nutt, E. G. Hill, A. Ricard, 2½-in., $2.50; 3-in., $3.50; mixed, 50c less. Stock plants of the above with Poitevine and La Favorite, from 4 and 5-in. pots, fine plants, $8.00 and $10.00 per 100. Will now book orders for 3½-in. pots at $4.00 and $5.00 per 100. Jas. Ambacher, Long Branch, N. J.

Geraniums Pierre Le Brun, Mme. Landry and other new ones. Bruant, La Favorite, John Doyle, Madonna, with other good old varieties. Write for prices for 2, 3 and 4-in. pots. Wm. Swayne, Box 226, Kennett Square, Pa.

Geraniums, mixed varieties; pink, white and scarlet, double Bed of Gold, La France, Wonderful and other varieties, all good bedders. Write for prices. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Mrs. Pollock and other foliage geraniums, 2½-in., $5.00 per 100; 3½-in., $8.00 per 100. 100 variegated rose geraniums, 2½-in., $3.00 per 100. C. G. Nanz, Owensboro, Ky.

Geraniums. Per 100: Mixed, 2½-in. $1.50, 3-in. $5.00; De Roo Mitting, 2½-in. reduced to $10.00; Jean Viaud, 3-in. $10.00; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Ivy geraniums, 2½-in., $2.50; 3-in., $3.50; 3½-in., $4.00 per 100. Geraniums, mixed, 56 var., 2½-in., $2.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

Geraniums. Per 100: Double New Life, 2½-in., $3.00; rooted cuttings of same, $1.50; good mixed varieties, 2½-in., $2.50. O. F. Searles, L. B. 288, Nashua, N. H.

Geraniums, Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Shrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Gen. Grant, double, 2½-in., $2.00; 3-in., $4.00 per 100; also many other fine varieties, same price. Geo. H. Benedict, Yorkville, N. Y.

Geraniums. A few thousand strong, rooted cuttings, best kinds only, $1.50 per 100 by mail; $12.00 per 1,000 by express. S. W. Pike, St. Charles, Ill.

Nutt, Grant, La Favorite and Red Bruant in bud, bloom or without, 4-in., $6.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

De Roo Mitting, 2½-in., strong, $1.25 doz. Nutmeg, 2-in., strong, 35c doz. F. L. Maclaurin, 2875 No. 47th Ave., Chicago.

600 geraniums. Montmort, Castries, Harcourt (dbl. white), E. G. Hill, etc., 2¼-in., $2.50 per 100. Geo. Just, Jacksonville, Fla.

Geraniums, leading var. of dbl. and single, 2½-in., $3.00 per 100; $25.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums, good large plants, in 2-in. pots, at $2.50 per 100; 25 at 100 rate. J. E. Marsh, Vienna Cross Roads, Ohio.

Geraniums, 10 varieties, 2½-in., $3.00; 3½-in., $4 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums, Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Gladioli. Fine mixture of light shades. Will sell at remarkably low figures till stock is reduced. Also surplus of Hydrangeas, Spireas, Carrants, etc. Write for prices (no printed list). Southern Vermont Nursery, North Bennington, Vt.

Finest mixed gladioli for florists, all colors; also choice imported named gladioli in great variety. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Gladioli, mixed, 30c per 100. Levant Cole, Battle Creek, Mich.

GLOXINIAS.

Gloxinia Hybrida Erecta Crassifolia. We still have on hand a few thousand of these, a grand strain of the finest sorts, all colors mixed, for only $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Gloxinias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from cold-house; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette. $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

HARDY PLANTS.

SPECIAL SURPLUS OFFER of Hardy Plants. Blackberry lily, Salvia lyrata, Coreopsis lanceolata, Coreopsis auriculata, Hemerocallis fulva, Nepeta Glechoma, Viola cucullata, Dracocephalum virginicum, ic each. Rudbeckia Golden Glow, 5c each. Rudbeckia laciniata, Rudbeckia nitida, Lysimachia punctata, Lysimachia ciliaris, Achillea The Pearl, Achillea millefolium roseum, Achillea tomentosa, Cassia marylandica, Funkia lancifolia, Hellanthus orgyalis, Helenium autumnale superbum, Helenium g. striatum, Hemerocallis Thunbergii, Aster Novæ Angliæ, Boltonia latasquamae, Alyssum saxatile, 2c. Coreopsis grandiflora, Boltonia asteroides, Lysimachia clethroides, Kosteletzkia virginica, Euphorbia corollata, Sedum spectabile, 3c. Penstemon digitalis, 4c. No order received for less than $1.00, or for less than 25 of a kind at these rates. Terms cash.

W. F. Bassett & Son, Hammonton, N. J.

Large stock of Coreopsis and Rudbeckia.		100. Doz.
Coreopsis Lanceolata Grandiflora, large clumps	$ 5.00	$0.75
Rudbeckia Golden Glow, strong divisions	4.00	.50
Lychnis Chalcedonica, strong clumps	10.00	1.25
Achillea, The Pearl	4.00	.60
Achillea Millefolium Roseum, strong division	4.00	.60
Digitalis, strong plants, 2 years	10.00	1.25
Rooted Honeysuckle	12.00	1.50

Cash with order, please.
W. G. EISELE, Florist, Box 100, West End, N.J.

Choice rooted plants of Rhododendron Maximum. Good shapely plants in good foliage and bud, with good roots, large balls, low and well branched. Seedlings, $3.00 per 100.

12-in. to 18-in. Rhododendrons	$15.00 per 100
18-in. to 24-in. Rhododendrons	25.00 per 100
2-ft. to 3-ft. Rhododendrons	35.00 per 100
3-ft. to 4-ft. Rhododendrons	60.00 per 100

A. E. WOHLERT, Altoona, Pa.

Norway maples for everybody.
High-branched, or low-branched,
Tall or short,
Straight, or not so straight,
Large or small,
At prices to suit all; catalogue free.
Chas. B. Hornor & Son,
Mt. Holly, Burl Co., N. J.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Hollyhocks. Double 1 year field roots in separate colors, $2.50 per 100. Also Gypsophila, $5.00 per 100. Golden Glow, $4.00 per 100. Hardy phlox, $5.00 per 100. Hardy pinks, paeonias, dahlias, gladioli, etc. Send for list. W. W. Wilmore, Box 382, Denver, Colo.

For special offer of hardy perennials, see display adv. in this issue. For a full and the most complete list offered in this country, see our current trade list, which was distributed March 20. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Perennial Phlox in good assortment; field-grown clumps, $4.00 per 100; 2-in. pots, mixed, $2.00 per 100; $15.00 per 1,000. Rudbeckia Golden Glow, field-grown, per 1,000, $40.00; per 100 in small lots. C. G. Nanz, Owensboro, Ky.

Hibiscus totus alba, hardy shrub, pure white, blooming from June until frost. One-year plants, $2.00 per 100. Clevia hybrid, fine imported flowering plants, $3.00, $4.00 and $5.00 doz. John G. Heinl & Son, Terre Haute, Ind.

Rhododendrons. We handle only the hardiest ironclad, tested sorts, and can offer fine plants, well budded, in perfect shape, 1½ to 2 ft. high, at $75.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

2000 Norway maples, 3 to 4 inches caliper and 14 to 15 feet in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
Edw. Gillett, Southwick, Mass.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

2,000 Irish Juniper, 2 to 2½ feet; 50 Hovey's Arbor-Vitae, 25 Retinospora Plumosa. The above at very low prices to close them out. C. L. Longsdorf, Floradale, Pa.

Sweet Williams, finest colors, strong plants, $1.00 per 100; $8.00 per 1,000. Samples free. I want some Storm King dahlias. S. J. Galloway, Eaton, Ohio.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 677, or write Edw. B. Jackson, Stamford, Conn.

Rudbeckia Golden Glow, strong crowns of same, per doz., 50c; per 100, $2.50; per 1,000, $18.00. W. A. Finger, Hicksville, L. I., N. Y.

Golden Glow, strong divisions, suitable for 4-in. pots, 40c per doz.; $3.00 per 100. Cash. Des Moines Plant Co., 513 38th St., Des Moines, Ia.

Dicentra spectabilis, field-grown, $55.00 per 1000. Peonies, red, scarlet, pink, assorted, $50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

See display adv. for list of hardy herbaceous plants at $5.00 per 100. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

1500 Dwarf Boxwood for sale at $1.00 and $2.00 per 100. Cash with order. John Kready, Mt. Joy, Lanc. Co., Pa.

2,000 good crowns of Golden Glow, field-grown, $2.00 per 100. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Cryptomeria japonica, the Japanese cedar, 3-in., $1.00 per doz. Good & Reese Co., Springfield, Ohio.

Rudbeckia Golden Glow, 500 good plants, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

HELIOTROPE.

Heliotrope, mixed, rooted cuttings, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Heliotropes, 6 sorts, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Heliotrope, 3-in., $3.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Heliotrope, rooted cuttings, $1.25 a 100. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $2.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

HIBISCUS.

Hibiscus Crimson Eye, year old, from outside, fine plants, 50c per doz.; $3.00 per 100. Des Moines Plant Co., 513 38th St., Des Moines, Ia.

Hibiscus, 10 sorts, extra fine, 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

Hortensis and Otaksa. Eight very fine plants, well set with buds, ready for large tubs. Also 25 Boston ferns, the true kind, from 6-in. pots, very fine specimens. The whole for $20.00. Cash, please. H. M. Totman, Randolph, Vt.

Hydrangea paniculata grand., 3 to 5 canes, about 3 feet in height, $12.00 per 100; mailing size, $5.00 per 100. Good & Reese Co., Springfield, Ohio.

Hydrangeas Thos. Hogg and Otaksa, 2-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

Hydrangeas, 6-in., $20.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

IVIES

English Ivies, 200-300, 3-4 ft. high, 4-6 sprays, $25.00 per 100. Also some 2 years old, trained on sticks, well-grown plants, 200-300 of them, $45.00 per 100. Boston Ivies, in 5-in. pots, $10.00 per 100. H. Pritchard, Manager Rose Cottage Nursery, Bartow St., Astoria, L. I. City, N. Y.

Ivy. Fine stock from 3 to 4 feet, bushy plants, $12.00 per 100. Myrtle, large field-grown clumps, extra heavy, $60.00 per 1,000. J. Hauck, 26 S. Grove St., East Orange, N. J.

English ivies, 6-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Witthold Co., 1657 Buckingham Place, Chicago.

Rooted cuttings, per 100: German, $1.25; Kenilworth, $1.00.
Greene & Underhill, Watertown, N. Y.

German and Kenilworth ivy, 60c per 100. Mrs. Griswold, Worthington, Ohio.

English ivy, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Boston ivy, $2.50 per 100. John A. Doyle Co., Springfield, Ohio.

German ivy, 2½-in., 25c. Cash.
G. W. Weatherby, Chillicothe, Mo.

LANTANAS.

Weeping lantanas, fine for baskets and vases, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Lantana, assorted, rooted cuttings, $1.50 a 100. Greene & Underhill, Watertown, N. Y.

Lantanas, assorted, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

LOBELIA.

Lobelia, dwarf and trailing, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Lobelia Crystal Palace Gem, 2½-in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

LILY OF THE VALLEY.

Lily of the Valley, 3 and 4 years old; clumps of same, 8 to 15 pips each, per 100, $3.00; per 1000, $20.00. W. A. Finger, Hicksville, L. I., N. Y.

MOONVINE.

Moonvines, 2-in., $2.00, 2½-in., $2.50, 3-in., $3.00 per 100; fine strong plants from seed; pure white and longer than you can grow them. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, dwarf, also tall, 2½-in., $1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges, per 100, 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, O.

Otaheite, 2½-in., $3.00; 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of varas now in white and yellow. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PAEONIES.

Paeony chinensis in mixture, 2 and 3-year old roots per doz., $1.00; per 100, $5.00; per 1,000, $40.00. W. A. Finger, Hicksville, L. I., N. Y.

Paeonies, strong roots, best red sorts, 5c. W. H. Salter, Rochester, N. Y.

PALMS, ETC.

Corypha australis, 2½-in., $3.00 per 100. Areca lutescens, 2 plants in pot, 4-in. pots, $2.00 per doz.; 3 plants in pot, 5-in. pot, 75c per doz. Latania borbonica, 4-in., 60c per doz.; 6-in., 4 to 5 leaves, $6.00 per doz. Phoenix canariensis, 3-in., 60c per doz.; $2.50 per 100. Good & Reese Co., Springfield, Ohio.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 2 feet in h't and dia., 12 to 14 lvs., $24.00.
J. WM. COLPLESH.
53rd and Woodland Ave., Philadelphia, Pa.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

PALMS Continued.

We have an [illegible] Palms and Ferns to offer this season. The plants are clean, healthy and well [illegible]. It is our earnest [illegible] times to send only such stock as will give satisfaction, and we hope to be favored with [illegible] valued patronage.

KENTIA BELMOREANA.

Size Pot	Height. Inches.	No. Leaves	Each	Per Doz.	Per 100.
2½	8 to 9	3 to 4		$1.50	$12.00
[illegible]	10 to 12	4 to 5		2.00	15.00
3½	12 to 14	5 to 6	[illegible]	3.00	20.00
4	14 to 16	5 to 7	[illegible]	4.00	30.00
[illegible]	16 to 20	5 to 6	[illegible]	7.20	60.00
6	20 to 22	6 to 7	[illegible]	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each	Doz.	100.
[illegible]	8 to 9	3 to 4		$1.50	$12.00
[illegible]	10 to 12	4 to 5		2.00	15.00
[illegible]	12 to 14	5 to 6	[illegible]	3.00	20.00
[illegible]	23 to 24	5 to 6	[illegible]	7.20	60.00
[illegible]	28 to 30	5 to 6	[illegible]	15.00	125.00

LATANIA BORBONICA.

Pot	Height.	Leaves.	Each	Doz.	100.
2¼	..	3		$0.60	$5.00
[illegible]	12	5 to 6		1.00	8.00
[illegible]	12 to 15	5 to 6	[illegible]	1.50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
[illegible]	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	60	6.00	50.00

ARECA LUTESCENS.

Pot	Height.		Each.	Doz.	100.
2¼	5 to 6	3 plants in pot	.....	$1.00	$8.00
[illegible]	12 to 14	3 plants in pot	...	2.00	15.00
[illegible]	18 to 20	3 plants in pot	$0.25	3.00	25.00
6	.. ..	3 plants in pot	75	9.00	60.00

PHOENIX RECLINATA.

Pot	Leaves.	Dozen.	100.
[illegible]	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

[illegible]-inch pots, 4 to 6 leaves, $1.50 per dozen; $10.00 per 100.

ASPIDISTRA LURIDA.

Pot	Height.	Leaves.	Each.	Doz.
[illegible]	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$1.00	$8.00
Utilis	3	2.00	15.00

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8 inch, strong, $3.00 each.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Palms for decorating and for growing on. My stock of palms is larger and in better condition than ever before. Entirely American-grown and free from insects or disease.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per 12.	Per 100.
1 plant	2	6-8	$1.00	$6.00
3 plants	4	15	3.00	25.00
3 plants	6	20	9.00	75.00
3 plants	6	24	12.00	100.00
			Each.	Per 12.
3 plants	8	30	$2.50	$30.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per 12.	Per 100.
2½	3 4	8	$1.50	$12.00
3	4-5	10-12	3.00	25.00
4	5-6	15	4.50	35.00
5	5-6	20	9.00	75.00
			Each.	Per 12.
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per 12.	Per 100.
2½	4	8	$1.50	$12.00
3	4	12	2.50	20.00
4	4-5	15	4.00	35.00
			Each.	Per 12.
6	5	24-28	$1.00	$12.00
6	5-6	30	1.25	15.00
6	6	28-32	1.50	18.00
7	6-7	30-36	2.00	24.00

LATANIA BORBONICA.

Inch pots.	Leaves.	Inches high.	Per 12.
6	5-6	15-18	$9.00
6	6-8	20-24	12.00

JOSEPH HEACOCK, Wyncote, Pa.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
3	8 to 10	3 to 4	$0.05	$0.45	$4.00	$38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
5	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.47	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	......

3 plants in 8-in. pots, 24 to 27 inches high, 8 to [illegible] leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATSMOUTH, NEB.

Pandanus Veitchii, 6-in. pots, 15 to 18 inches above pot, $1.00 each; 7-in., 20 inches above pot, $1.50 each; 8-in., 24 inches above pot, $2.00 each. John Welsh Young, Germantown, Phila., Pa.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000.

SEEDLINGS, not transplanted, $3.00 per 1,000.
H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine, stocky, hardy, field-grown plants from seed-bed of the famous Diamond strain, the best strain of the German type; large size, perfect form, thick velvety petals and great variety of rich and odd colors and markings. All colors, mixed, 1,000, $4.00; 500, $2.00. Cash with order. Pansies a specialty for 25 years. L. W. Goodell, Pansy Park, Dwight, Mass.

Pansies. Extra large plants of Bugnot, Cassiers, Odier, coming in bud, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies, $4.00 per 1000 by exp., 60c per 100 by mail. From fall-sown, choice, selected seed. W. C. Jennison, Natick, Mass.

Pansy plants, $1.50 per 100; small seedlings, 50c per 100; $3.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Choice pansy plants, 75c per 100 by mail; $4.00 per 1,000 by express. Harry White, New Holland, Ind.

Pansy plants, 20 leaves, fine, $1.50 per 100; $10.00 per 1000. Cash. Morris Floral Co., Morris, Ill.

Pansies, Giant Mixture, 2-in., $1.50 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Pansies, good strong plants, $2.50 per 1,000. G. Guy Swanger, Shiloh, Ohio.

PELARGONIUMS.

Pelargoniums, assorted, 2½-in., $4.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

PETUNIAS.

Petunias. Single giants of California, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias. Double fringed, $3.00 per 100. C. L. Reese, Springfield, Ohio.

PLANT LISTS.

ROSES, BEDDING PLANTS, ETC.	Per 100
Hybrid Perpetual Roses, choicest varieties	$3.00
Monthly Roses, best kinds	2.50
Climbing Roses, finest varieties	2.50
Geraniums, best kinds, 3-in., $3.00; 4-in.	6.00
Carnations, good kinds, $2.00 to	4.00
Asparagus P. Nanus, 3-in., $5.00; 4-in.	12.00
[illegible]mas, $3.00 to	6.00
Cannas, all good sorts, 3 and 4-in.	4.00
Chrysanthemums, assorted	2.50
Dahlias, dry roots, assorted	4.00
Coleus, best kinds	2.00
Fuchsias, assorted, 2 and 3-in.	3.00
Phoenix Canariensis and Reclinata, 4-in., $15.00, 5-in.	20.00
Pelargoniums, 3-in.	6.00
Paeonies, fine stock. Write for prices.	
Verbenas, named sorts	2.00
Vincas, green and variegated; 3-in., $6.00; 4-in.	10.00
Alternantheras, Aurea Nana and P. Major	2.00
Alyssum, double Tom Thumb and large double white	2.00
Ampelopsis Royali and Veitchii	5.00
Asters, finest varieties	1.50
Calla Lilies; 3-in., $4.00; 4-in., $8.00; 5-in.	15.00
Dracaena Indivisa; 4-in., $10.00; 5-in.	14.00
Feverfew Little Gem	3.00
Gladiolus	1.50
Heliotrope	2.00
Hydrangea Hortensis; 3-in., $4.00; 4 in.	8.00
Lantanas, assorted, named kinds	2.50
Lobelia	2.50
Pansies, best mixed	1.50
Ferns, Adiantum Cuneatum; 3-in., $3.00; 4-in., $5.00; fine large clumps from the bench	7.00
Boston Ferns; 3-in., $5.00; 4-in., $10.00; 5-in.	20.00
Selaginellas, two kinds, 3-in.	3.00
Cyperus Alt.; 3-in., $3.00; 4-in.	5.00
Anthemis Canariensis	3.00
Dusty Miller, two kinds	2.50

Write for complete list of plants, with varieties. WILLIAMS & SONS CO., Batavia, Ill.

FINE STOCK BARGAINS.

Alternanthera, red and yellow, 2¼-in., $2.00 per 100.

Acalyphas marginata and triumphans, 2¼-in., $2.00 per 100.

Boston sword ferns, 5-in., $2.50 per doz., $17.50 per 100.

Carnations—Portia, fall stock, 2½-in., $2.25 per 100; Portia, Evelina, Genesee and Daybreak, from flats, transplanted, clean, stocky plants, struck in early winter, $2.50 per 100, $22.00 per 1000.

Chrysanthemum Black Hawk, 2¼-in., $2.00 per 100.

Clerodendron, stock plants, 4-in., $1.25 per doz., $8.00 per 100.

Clematises Jackmanni, Lilacina, Grandiflora, Baron Veillard, Gipsy Queen, Duchess of Edinburgh and Henryi, strong, 3-year-old dormant plants, fine condition, $3.50 per doz., $25.00 per 100.

Cyclamen, p. g., mixed colors, from flats, transplanted, ready for potting, $2.00 per 100, $17.50 per 1000.

Dracaena indivisa, 2¼-in., fine plants, need repotting at once, $2.50 per 100. Dracaena Godseffiana, 3-in., $1.50 per doz.

Fuchsia speciosa, 2¼-in., $2.25 per 100.

Gaillardia grandiflora, 2¼-in., $2.25 per 100.

Grevillea robusta, strong, stocky plants, from flats, transplanted, $1.75 per 100.

Justicia velutina, 2¼-in., $2.50 per 100; Justicia coccinea, 2¼-in., $2.25; 3-in., $4.00 per 100.

Mexican primrose, 2¼-in., $2.00 per 100.

Maranta Massangeana, 2¼-in., $3.50 per 100.

Pteris Cretica albo-lin., 2¼-in., $2.50 per 100.

Umbrella plants, extra strong, 2¼-in., $2.00 per 100.

Sanseviera zeylanica, 3-in., 75c per doz.

Pansy plants, fine stocky September plants from the best strain, German seed, 75c per 100, $5.00 per 1000.

SUMMER FLOWERING BULBS.

Begonias, tuberous rooted, single, 4 separate colors, $2.00 per 100; double, 4 separate colors, $4.00 per 100; mixed, 4 separate colors, $2.50 per 100.

Dahlias, splendid, double, mixed, large field-grown clumps, not divided, 75c per doz., $4.50 per 100.

Calla, spotted, very large bulbs, $2.50 per 100.

Gladioli, fine, mixed, large bulbs, 75c per 100, $6.00 per 1000.

ROSE HILL GREENHOUSES,
ROSE HILL, N. Y.

Kentia Belmoreana and Forsteriana, 2½-in., 10c; 3-in., 18c; 4-in., 35c; 5-in., 50c each.

Areca Lutescens, 3-in., 3 plants to pot, 18c; 4-in., 25c each. All cool grown, nice clean stock, and cannot be duplicated anywhere for the money.

Boston Fern, 3-in., $8.00; 4-in., $15.00; 5-in., $30.00 per 100.

Sword Fern, Nephrolepis Cordata Compacta, 2½-in., $3.00 per 100.

Rex Begonia, finest varieties, 2½ and 3-in., $4.00 per 100.

Vinca variety, 2½-in., $3.00 per 100.

Asparagus Sprengeri and Plumosus, 2-in., $5.00; 3-in., $8.00 per 100.

Geraniums, 2-in., Double and Single Grant, Mme. Bruant, Mrs. E. G. Hill, Poitevine, Bonnat, Atkinson and S. A. Nutt, $3.00 per 100; Rooted Cuttings, $2.00 per 100.

Campbell Violets, rooted runners, 60c per 100.

Carnations, Portia, McGowan, Peachblow and Scott, rooted cuttings, $1.00 per 100.

New Carnation Kittatinny, a pure white sport from Daybreak, exactly same growth as Daybreak, and wants like treatment. First-class and a money maker. 2-in. pots or rooted cutting, $6.00 per 100.

Giant Alyssum, Achyanthes, Lemon Verbenas, Verbenas, Coleus and Alternantheras, red and yellow; Scarlet Sage, Clara Bedman; Ageratum, blue and white and Princess Pauline; Heliotrope, blue. Also Imperial Violets. All 2-inch stock, $2.00 per 100.

Roses, Bride and Bridesmaid, 2-in., $3.00 per 100.

Dracaena Indivisa, 3-in., $6.00 per 100; 4-in., $10.00 per 100.

Imperial Violets, 2-in., $2.00 per 100.

Cash with order or C. O. D.

Geo. M. Emmans, Newton, N. J.

CANNAS—Mme. Crozy, Alphonse Bouvier, Florence Vaughan, from 3-in. pots, 15 in. high, $5.00 per 100.

Ageratum, Princess Pauline, 2½-in. pots, ready for shift into fours, $3.00 per 100.

Geraniums, leading varieties, 4-in. pots, $7.00 per 100; from 2½-in. pots, strong plants, $3.00 per 100.

Begonia Vernon, 4-in., $10.00 per 100.

Vinca Variegata, 2½-in. pots, $3.00 per 100; 4-in., very fine, $10.00 per 100.

English Ivy, 3 in a 4-in. pot, 14 to 18 in. high, $10 per 100.

Coleus, Golden Bedder and Verchaffeltii, 2½-in. pots, $3.00 per 100.

Alternanthera, $2.50 per 100.

Cash or C. O. D. HENRY ENGLER,
4651 Lancaster Ave., Philadelphia, Pa.

Marguerite, Feastii and argenteo-guttata begonias; Anthemis, dbl. yellow Daisies; Gymnocarpa, Dusty Miller; Salvia splendens and Eclipse abutilon at 40c per doz. or $2.50 per 100. Also Baby Primroses. Satisfaction guaranteed. J. W. Yates Plant Co., 22 West Liberty St., Springfield, Ohio.

	Doz.	100.
Abutilon, Savitzii, 2½-in..	$1.00	$6.00
Achyranthes, Lindenii, 2½-in	.50	3.00
Ageratum, Cope's Pet	.50	2.50
Alyssum, Giant Double and Tom Thumb, 2½-in	.50	2.50
Asparagus Plumosus Nanus		
3-in., very strong	1.00	7.50
5-in., very strong	1.50	12.00
Asparagus Sprengeri—		
2½-in., good	.35	2.50
Seedlings		1.00
Cannas, C. Henderson, Mme. Crozy, Burbank, Vaughan, 3-in	.50	3.50
Clematis Paniculata, field-grown, 1 year old	.30	2.00
Coleus, either sort, $18.00 per 1,000..	.30	2.00
Cuphea Platycentra	.50	3.00
English Ivy, 2½-in., 50c per doz.; $3.00 per 100; 5-in., 25c each	2.50	
Geraniums, double scarlet, 2½-in..	.60	4.00
German Ivy, 2½-in	.50	3.00
Heliotrope, blue and white	.50	2.50
Hydrangea, Otaksa, 3-in	.60	4.00
Honeysuckle, Hall's and Sinensis Purpurea (field)	.50	3.00
Latania Borbonica, 5-in	5.00	40.00
Lemon Verbena, 2½-in	.60	4.00
Maranta Bicolor, 2½-in	.75	5.00
Nasturtium, double yellow, 2½ in...	.60	4.00
Phoenix Reclinata, 5-in	6.00	50.00
Salvia "Bonfire," 2½ in	.50	2.50
Vinca (trailing), Green and Variegated, 2½-in	.75	6.00

N. B.—Orders amounting to $5.00 and over sent F. O. B. New York City; those from unknown correspondents sent C. O. D. when unaccompanied with cash or check.
William L. Swan, Lock Box 227, Oyster Bay, N. Y.

EXTRA STRONG, HEALTHY STOCK.
Petunias, single Giant of California, bushy, 3-in., $3.00 per 100.
Vinca Variegata, 4-in., $6.00; 2-in., $2.00 per 100.
Lobelia, trailing, and Ageratum, blue Perfection, 2½ in., $1.50 per 100.
Ivy Geraniums, 8 best varieties, mixed, in bud, 4, 3 and 2-in., $6.00, $4.00 and $2.00 per 100.
Heliotrope, 3-in., bushy, in bloom, $4.00 per 100.
Geraniums, S. A. Nutt, A. Riccard, Poitevine, Double Grant, and White, strong, 4-in., in bud, $6.00 per 100.
Asparagus Sprengeri, 4-in., fine, $6.00 per 100.
Cash, please.
Wanted in exchange, rooted cuttings of Coleus Verschaffeltii, Farquahar and Imperial Violets, Fuchsias, flowering Begonias, out of pots; must be strong and healthy. Mine is the same. WM. S. HERZOG, Morris Plains, N. J.

	Per 100
Coleus, Rainbow, Firebrand, Verschaffeltii, Golden Bedder, Victoria and others, 2½-in	$2.00
Tradescantia Quadricolor, fine, 3-in	4.00
Ageratum Stella Gurney and Blanche, 3-in.	3.00
Lobelia Kaiser Wilhelm and Crystal Palace, 3-in	3.00
Parisian Daisy, yellow and white, 2½-in.	2.50
Scarlet Sage Clara, Bedman, 3-in	3.00
Fuchsia Elm City, Schneewittchen and others, 3-in	3.00
Vinca Variegata, 3-in	3.50
Chrysanthemums, Merry Monarch, Merry Christmas, J. E. Lager, Niveus and many best varieties, 2½-in	2.00
Primula Forbesii, 2-in	3.00

Jasminum Gracillimum, 3-in.; Allamanda Williamsii, 2-in.; Acalypha Marginata, 2½-in., 75c per doz. Cash with order. John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

PRIMROSES.

Baby primroses, fine 2-in., $1.25 per 100, or will exchange for any stock I can use. New Springfield Floral Co., R. D. No. 3, Springfield, Ohio.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Primroses, 2½-in., per 100; Obconica, $1.50; Chinese, white and pink, $2.50; Baby Primrose, $2.00. Good & Reese Co., Springfield, O.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PRIVET.

CALIFORNIA PRIVET.	Per 1000
One year	$12.00
Two years, light	22.00
Two years, heavy	40.00

Three years, 4 to 6 feet, for screens, $5.00 per 100. Privet cuttings, $1.50 per 1000. Cash with order. ATLANTIC COAST NURSERIES, Office 606 4th Ave., Asbury Park, N. J.

ROOTED CUTTINGS.

Coleus Verschaffeltii, 75c per 100; Golden Bedder, 50c per 100; Ageratum dwarf blue, alyssum dwarf, 50c per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Rooted cuttings by mail

Ageratums	per 100,	$0.50
Fuchsias	per 100,	1.00
Ivy, German and Kenilworth	per 100,	1.00
Pileas	per 100,	1.00
Nasturtiums, seedlings	per 100,	.75
Asters, seedlings	per 100,	.50
Ampelopsis Veitchii, seedlings	per 100,	1.00

Cash with order.
Wm. H. Conner, 611-613 French St., Wilmington, Del.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

ROSES.

Grafted stock, Brides, Bridesmaids, Kaiserins, Carnots, Perles and Meteors, $12.00 per 100. Own root stock, Brides, Bridesmaids, Kaiserins, Carnots, Meteors and Perles, by the 1000, $30.00. Liberty, extra fine stock of grafted plants, $18.00 per 100. If you think Liberty is not worth growing, come and see my house of it and you will soon change your mind. Some extra strong plants of all kinds of grafted stock in 4-in. pots. Apply for prices. W. H. Elliott, Brighton, Mass.

ROSE PLANTS from 2½-in. pots. Liberty, $8.00 per 100, $75.00 per 1000; American Beauty, $6.00 per 100, $55.00 per 1000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1000.
Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG,
51 Wabash Ave., CHICAGO

American Beauties, $6.00 per 100. Kaiserin, $4.00 per 100. The above taken from stock receiving first premium at Philadelphia exhibition. Bridesmaid, $3.00 per 100; selected, all first class, from 2-in. standard pots, ready for shipment. T. E. Bartram, Lansdowne, Pa.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia. Pa

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

Grafted roses, ready for 4-in. Per 100: Liberty, $18.00; Maids, Brides and Golden Gate, $12.00; Meteors and Brides, own roots, $3.00 per 100, $25.00 per 1,000. Chris. Hansen, St. Paul, Minn.

Grafted roses, choice plants, 3-in., ready for immediate planting. Liberty, $18.00 per 100; Maids, Brides, and Golden Gate, $12.00 per 100; $110.00 per 1000. J. L. Dillon, Bloomsburg, Pa.

Roses, 5-in., at 9c; fine, clean plants, C. Soupert, La France, Gen. Jacqueminot, Coquette des Blanches, Malmaison, etc. W. H. Salter, Rochester, N. Y.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Roses. Bride, Bridesmaid, Golden Gate, $2.00 per 100. 125 Kaiserin, 4-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

American Beauty. Two-eyed cuttings, growing in 2½-in. pots, ready to shift, $6.00 per 100, $50.00 per 1000. Cole Bros., Peoria, Ill.

Perles and Woottons, in 2 and 2½-inch., extra fine stock. Extra fine Beauties in 3 and 4-in. Write Geo. A. Kuhl, Pekin, Ill.

Bride and Bridesmaids, rooted cuttings, $1.50 per 100; 2-in., $3.00 per 100; 3-in., $5.00 per 100. F. R. Hills, Maywood, Ill.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Meteor rose plants, 2-in., $20.00 per 1,000 J. A. Budlong, 37 Randolph St., Chicago.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

Rubber Plants. We offer a bargain in these. Having a considerable stock which we should like to move as quickly as possible, we can give exceedingly good value. 6-in. pots, 2 feet high, worth 75c each, for only $6.00 per doz.; 6-in. pots, 2½ to 3 ft. high, worth $1.00 each, only $9.00 per doz. These have large, perfect leaves right to the pot, and stock will be found to be first class in every respect. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 60c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

Russelias, 3 sorts, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvias, R. C., per 100: Golden Spotted, $5.00; Golden Leaved, $1.50; Clara Bedman, $1.25. Greene & Underhill, Watertown, N. Y.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias St. Louis and splendens, 2½-in., $2.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

Salvia Silverspot, fine plants, 2-in., $3.00 per 100. Mrs. A. L. Myers, Bluffton, Ind.

Salvia Clara Bedman, 3-in., $2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

SEEDS.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

SMILAX.

Smilax, from flats, 30c per 100; $2.50 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

Smilax, ready May 15, $1.25 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., $1.50 per 100; $12.00 per 1,000. Good & Reese Co., Springfield, Ohio.

Smilax from flats, 25c per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

SPIRÆA.

Spiraea Anthony Waterer, the new red spiraea, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia, var., R. C., $1.50 per 100. Greene & Underhill, Watertown, N. Y.

STOCKS.

Stocks for Decoration day, 75c per 100. Cash. Converse Greenhouses, Webster, Mass.

SWAINSONA.

Swainsona, white and pink, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

SWEET PEAS.

Sweet peas for early flowers. Sadie Burpee, white, 3-in. pots, $3.50 per 100. Chas. E. Meehan, Slocum and Musgrove Sts., Germantown, Pa.

TRADESCANTIA.

Tradescantia multicolor, rooted cuttings, 75c per 100, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

VEGETABLE PLANTS.

Tomato—Lorillard, Mayflower, Dwarf Champion, Acme, Stone and other varieties, 15c per 100, $8.50 per 1,000. Egg Plant—N. Y. Improved, good size for transplanting or potting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Pepper—Bull Nose, Ruby King, Sweet Mountain and others, ready for transplanting, 25c per 100, $2.00 per 1,000, $15.00 per 10,000. Beet—Early Egyptian, 20c per 100, $1.50 per 1,000, $12.50 per 10,000. Celery—White Plume and Golden Self-blanching, small plants ready for trans., 15c per 100, 75c per 1,000, $5.00 per 10,000. Lettuce—Grand Rapids, Curled Simpson and other var., 15c per 100, $1.00 per 1,000, $8.50 per 10,000. Add 10c per 100 to above prices if by mail. Cauliflower, 35c per 100. Cabbage, in var., 25c per 100; $1.25 per 1,000. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Beauty and D. Champion tomato plants, in flats, 15c per 100; $1.25 per 1,000. 100 large pot-grown Lorillard plants at 3c each. Cash. Mrs. Griswold, Worthington, Ohio.

Cabbage and tomato, for transplanting, $1.25 per 1,000. W. D. Chase & Son, New London, Ohio.

VERBENAS.

500,000 verbenas, 60 finest named varieties, perfectly healthy, free from rust. Plants, $2.50 per 100; $20.00 per 1,000. Rooted cuttings, 60c per 100; $5.00 per 1,000. Send for list. J. L. Dillon, Bloomsburg, Pa.

Mammoth verbenas, large plants, red, pink, white, blue, etc., mixed or separate, 60c per 100; $4.00 per 1,000; 2-in., $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas. Best mammoth in separate colors, 2½-in., $2.00 per 100. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas from pots, $2.00 per 100, $18.00 per 1000. Cash. S. D. Brant, Clay Center, Kan.

Verbenas, 15 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Lemon verbena, $1.50 per 100. Greene & Underhill, Watertown, N. Y.

Verbenas, 10 named kinds, $1.50 per 100. Morris Floral Co., Morris, Ill.

VINCAS.

Vinca major variegata, 2½-in., $5.00 a 100; 4-in., $8.00 a 100. No better stock can be purchased for the money; just right for spring filling. Strong field-grown clumps. Nathan Smith & Son, Adrian, Mich.

Vinca, green trailing, Myrtle, $1.25 per 100; $10.00 per 1000. Euonymus Japonica, green, 2½-in. pots, $2.50 per 100. Cash with order. Atlantic Coast Nurseries, office 606 4th Ave., Asbury Park, N. J.

Vinca variegata, white and green foliage; fine for baskets and vases, 2½-in. $2.00 per 100; $17.50 per 1,000. Good & Reese Co., Springfield, Ohio.

Vinca, var., R. C., $1.25; 2-in., $2.50; 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00; 4-in., $10.00 per 100. Greene & Underhill, Watertown, N. Y.

Vinca variegated, trailing, 2¼-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Vincas, variegated, 4-in., $12.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca vines, 2 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vinca vines, 3-in. pots, $4.00 per 100. Geo. H. Benedict, Yorkville, N. Y.

VIOLETS.

Marie Louise violets, fine plants. February struck, $10.00 per 1,000; rooted runners, $5.00 per 1,000; clumps, $4.00 per 100. The above plants are clean and free from all disease. My stock is mostly grown on stone work and 40 degrees at night; the fragrance and color of bloom cannot be surpassed and they brought top price all winter. Please call and see for yourself before you secure your plants. I will keep them for you until May or first of June. Please order early. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Well rooted runners, Lady Hume Campbell, Princess of Wales, California, 75c per 100, $5.00 per 1000. Swanley White, $1.00 per 100, $8.00 per 1000. Daisies, the two Giants, white and yellow, 75c per doz., $5.00 per 100; 2½-in. pots. Cash with order. Money order pay station, Eddington, Pa. P. M. DeWitt, Bridgewater, Bucks Co., Pa.

Violets. Rooted runners, strong, healthy stock. Marie Louise and Lady Campbell, rooted runners, 60 cts. per 100; $5.00 per 1,000. Cash with order. L. J. Barber & Son, Anacostia, D. C.

Marie Louise. Clumps, $3.00 per 100, $25.00 per 1000. Runners, $5.00 per 1000. Cash with order. Fine, vigorous stock. Address E. Adey, Blue Point, N. Y.

Marie Louise. A large stock of clean, healthy runners at $4.50 per 1000. Glass devoted entirely to Marie Louise violets. L. R. Lane, Babylon, L. I.

Marie Louise, carefully selected runners, 60c per 100; $5.00 per 1,000. Ask for sample. Smith & Young Co., 456 E. Wash. St., Indianapolis, Ind.

Violets from 2½-in. pots, Swanley White, Campbell and Russian, $2.25 per 100; $20.00 per 1,000. Good & Reese Co., Springfield, O.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Velie & Son, Marlboro, N. Y.

Rooted cuttings and pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell. Crabb & Hunter, Grand Rapids, Mich.

Rooted runners of Marie Louise violets, from soil, 60c per 100, $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

Marie Louise, from soil, 60c per 100; $5.00 per 1,000. W. D. Chase & Son, New London, Ohio.

Lady Campbell, M. Louise, California, 50c per 100. E. G. Bunyar, Independence, Mo.

M. Louise violets, 2¼-in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

MISCELLANEOUS.

Clerodendron Balfouri, 2½-in., $2.00 per 100. Honeysuckles, 6 sorts, 2½-in., $2.00 per 100. Hoya carnosa (wax plant), 3-in., $1.00 per doz. Lemon ponderosa (giant lemon), a great pot plant, 2½-in., $6.00 per 100. Myrtus communis, sweet German myrtle, 2½-in., $2.50 per 100. Phrynium variegatum, elegant foliage, 2½-in., $2.50 per 100. Plumbago sanguinea, pink flowers, 2½-in., $3.00 per 100. Sanseveria zeylanica, 2½-in., $2.00 per 100. Stephanotis floribunda, 2½-in., $3.00 per 100. The Good & Reese Co., Springfield, Ohio.

Cigar plants, Sedum variegatum and California moss, in 2½-in., $1.25 per 100. California ice plant, 2½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Pilea (artillery plant), $2.60 per 100. Cuphea (cigar plants), $2.00 per 100. C. L. Reese, Springfield, Ohio.

TO EXCHANGE.

TO EXCHANGE—Caladiums, 6 to 8-inch, at $2.00 per 100; Cape Jasmine, 10 to 12 inches high, at $8.00 per 100; double and single geraniums, 2-in., at $2.00 per 100 for rooted cuttings of Golden Bedder and red Verschaffeltii and other good sorts of coleus. J. D. Hooper, 812 Brook Ave., Richmond, Va.

To Exchange—Fuchsias, 2½-in., $2.00 and Sweet Alyssum, dbl., $1.50 per 100, for rooted cuttings of coleus, alternantheras and lantanas. W. G. Haebich, Auburn, Ind.

To Exchange—500 Sprengeri and 500 geraniums, to exchange for rooted carnation cuttings of Daybreak, Joost, etc. Geo. Just, Jacksonville, Fla.

WANTED.

Wanted—500 to 1000 Happy Thought geranium plants or strong rooted cuttings. Any florist having any to offer please address The C. A. Reeser Co., Urbana, Ohio.

Wanted—Four large Magnolia grandiflora, 4 to 6 feet high; bushy, pot-grown plants preferred. Please give price to Isaac H. Moss, Govanstown, Md.

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Sheet Moss, extra fancy select, $1.60. medium grade, $1.25 per barrel. Cash with order. Schmidt's Greenhouse, East Side, Toledo, O.

Dagger ferns, $1.25 per 1,000; laurel roping, 4, 6 and 6c per yard; Princess pine, $5.00 per 100 lbs. Crowl Fern Co., Millington, Mass.

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Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

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Mr. Scott's superb work, "The Florists' Manual," was indeed worth waiting for. When compared with the amount of practical information it contains, the selling price, $5.00, seems a mere bagatelle.
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It is the best book of the kind ever published. There is more in it than in any other book I have ever seen. I am delighted with it.
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The copy of the "Florists' Manual" was duly received. I am very well pleased with same. The more I read it the better satisfied I am with it, and there are one or two articles alone in it that are each worth all you ask for the book, for everything is made so plain and all details are right to the point. I trust you may have a good and ready sale for the same. M. S. WORDEN.
North Adams, Mass.

The only fault to be found with it is when you get using it the midnight oil is liable to run low and you have to go on to gas or reluctantly break off, either going to bed or first taking a look over the houses to see if the temperature tallies with the Manual.
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We have gotten much valuable instruction from the Florists' Manual and prize it highly.
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If everyone has enjoyed your book as I have it's a successful publication. It is different from our usual horticultural works, being plain and concise—just what one wants.
Flushing, N. Y. H. D. DARLINGTON.

I am more than pleased with the Florists' Manual. OTT BROWN.
Cape May City, N. J.

Manual to hand. Am well satisfied that it is the best work of its kind ever published.
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No progressive florist, old or young, can afford to be without the Florists' Manual. The old florist needs it, for reference, to aid a defective memory, and the young florist wants it as a guide in this progressive era of the florists' business. J. T. TEMPLE.
Davenport, Ia.

The Commissioners of Parks and Boulevards some time since directed that a library be started of such books as deal with subjects pertaining to park work, and to that end an order has been given for a number of books, among which is your "The Florists' Manual."

After reading this book carefully, I am greatly pleased, and wish to congratulate you on the practical manner with which you have treated the subject.

The book is placed where it will be accessible to all of our greenhouse employes, whereby this board expects to reap a saving many times the cost of the book. Respectfully yours,
COMMISSIONERS OF PARKS AND BOULEVARDS.
JOHN A. CORYELL, Gen'l Supt.
Detroit, Mich.

The book is written for the working gardener, and Mr. Scott's reputation is so well secured that he will find among his gardening friends a host of genuine admirers. As a writer on practical gardening subjects, Mr. Scott is a recognized authority. * * * Mr. Scott has long been an employer and knows what information young gardeners, or those with little experience, need, and he has his whole subject so perfectly at command that he can give the most desirable and essential information in the clearest language and with satisfactory brevity. The book is a distinct and important gain to the practical garden literature of this country, and it should be in the hands of every gardener, and everyone engaged or interested in ornamental horticulture. The price of the book is $5, which seems somewhat high, but for useful information it is worth every cent of it.—Vick's Magazine.

Florists' Manual, by William Scott. Publishers, Florists' Publishing Company, Chicago. Price, $5.

From advance sheets of the Florists' Manual, kindly sent us by the publishers, as well as from those which have appeared from time to time in the trade press, we have formed an idea of the general scope and usefulness of Mr. Scott's book, and we now hail with a great deal of satisfaction the work as a completed whole. Several handbooks of a more or less similar nature, dealing with commercial plant culture in America, or some portions of it rather, have been placed on the market; but the teachings which they convey have, as the years rolled by, become to a greater or less extent obsolete, owing to the continued mutability in methods etc., so that the Manual containing, as it does, matter which is strictly up-to-date, and thoroughly practical, should meet with a ready acceptance among all engaged in the industry upon which it treats. The caliber of Mr. Scott's instructions, in matters horticultural, is too well known to the trade to require any elucidation at our hands; suffice it to say that the same soundness of method and masterful handling of every subject dealt with, generally characterizes the text of the book now before us. Nearly 200 individual items are discussed, and, as regards plants, largely those of commercial value, the staples of the trade receiving greatest attention.—Florists' Exchange.

The Florists' Manual, by Wm. Scott. Florists' Publishing Co., Chicago. A reference book for commercial florists.

The author's first aim in preparing this work was to fill a long felt want among florists a book describing the best plants commercially, with cultural advice founded on experience. Viewed in this light, it is a valuable and instructive work, very complete in its details. But it need not be confined to circulation among the florists and others connectedly connected, although gardeners and amateurs need not expect in it a work exactly fitting their requirements. Rather judge it through the author's own words, i. e.: "If those who favor us with a perusal of its pages glean only one hint which may help them * * * they will have received value for their money." A work resulting from Mr. Scott's long and varied experience, "from selling a bunch of violets over the counter to planting a tree or seeding a lawn or building a greenhouse," cannot but throw out many hints of value to any one interested in any line of horticulture or flower gardening. The comparatively small index confronting the reviewer at first is far from encouraging, but as the purpose of the author is more clearly brought to light, it is better appreciated. It shows the intention to treat of the most desirable and profitable things to handle—a consideration which many will enjoy. Many interesting subjects are brought to headings, such as "Easter Plants," "Watering," "Decorations," "Potting," "Bedding Plants," etc. Not the least of value to the possessor of this book are the beautiful half-tone illustrations, numbering more than 100, and thoroughly illustrating the subjects treated. Critical persons may object to the interspersing of advertisements with the reading matter, though it is not made very obtrusive; yet it must be remembered that the work is designed for commercial purposes, and not strictly as a library book.—Meehan's Monthly.

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IS A BOOK of 224 large pages (same size as those of the Florists' Review) and contains about 200 articles on commercial plants and cultural operations, each giving "the meat" only, from the personal experience of a thoroughly practical man who is in daily touch with each department of the business and who has that rare quality of being able to tell others **what they want to know.** The articles are arranged alphabetically, like those in an encyclopædia, and in an instant one can turn to the subject upon which light is desired at the moment. The book is illustrated by over 200 fine half-tone engravings. It is

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Mention The Review when you write.

TORONTO.

The regular meeting of the Gardeners' and Florists' Association was held on Monday, April 22d, and being the last regular meeting until September, all agreed that it should be Ladies' Night. This proved the best possible kind of a meeting socially. The program under the direction of the president pleased all present, after which very dainty refreshments were served by a local caterer, during which time Mr. J. H. Dunlop entertained those present with his excellent phonograph.

Roses, carnations, tulips, etc., were sent by J. H. Dunlop, Walter Muston, W. J. Lawrence, and some palms, etc., by Mr. A. Watkins. Mr. E. Collins did the arranging.

We have had some grand weather during the past week, it being very warm during the day, which means good bye to our large Bride and Bridesmaid blooms. Carnations are also beginning to show signs of too much heat. W. J. L.

CONVENTION EXHIBITION.

A printed diagram of the hall in which the trade exhibition is to be held in connection with the S. A. F. convention in Buffalo next August, together with the printed rules and regulations, has been issued by Superintendent Keitsch. The hall is 115x180 feet and the locations of the various classes are indicated on the diagram. This convention promises to be a memorable one, with an unusually large attendance, and the exhibition will no doubt be in keeping.

Anyone having any article of trade interest can find no better way of bringing it to the attention of the craft than by showing it at this exhibition. Copies of the diagram, regulations, etc., may be obtained by addressing Chas. H. Keitsch, Superintendent, 270 Southampton street, Buffalo, N. Y.

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We are very much pleased with the results we have received from your valuable paper and shall always continue to keep our advertisement in it. We are sure that our advertisement in your paper has increased our sales among the florists and nurserymen one-third.—S. Wilks Mfg. Co., Chicago.

DENVER, COLO.

Messrs. Brenkert & Young, who bought the business formerly conducted by Lyle C. Waterbury, 2081 South University avenue, have completed a new house 30x100, in which they will grow chrysanthemums this fall.

THE FLORISTS' MANUAL.

I think a great deal of the Florists' Manual, and find it a great help.

Barre, Vt. O. C. Sheplee.

Minnetonka, Minn.—A. Brackett is building a greenhouse on Water street.

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SMALL PLANTS ALL SOLD.

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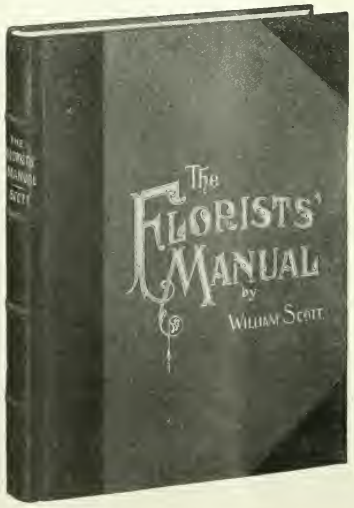

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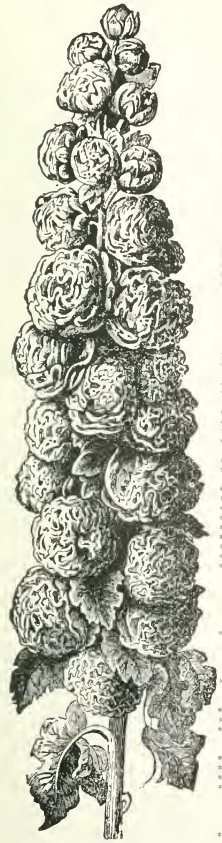

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Varieties marked * are suitable for cut flowers.

	Per Doz	Per 100
Achillea Filipendulina, strong divisions	$ .75	$6.00
" Millefolium Roseum, strong divisions	.50	4.00
" The Pearl, 3-inch pots	.60	4.00
" Tomentosum, strong divisions	1.00	8.00
Actæa Spicata	1.00	
" Rubra	1.25	
Alyssum Saxatile Compactum, strong divisions	.75	6.00
*Anthemis Tinctoria, 2½-in. pots	.60	4.00
" " Kelwayi, 2¾-in. pots	.60	4.00
" " Pallida, 2¾-in. pots	.60	4.00
*Anemone Japonica		
Alba, 2¾-in. pots	.75	6.00
Elegans, 2¾-in. pots	.75	6.00
Lady Ardilaun, 2¾-in. pots	.75	6.00
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Whirlwind, 2¾-in. pots	.75	6.00

	Per Doz	Per 100
*Anthericum Liliastrum, strong	$ .75	$6.00
" Liliago, strong	.75	5.00
Aquilegia Chrysantha, strong	.75	6.00
" Alba, strong	.75	6.00
" Californian Hybrids, strong	.75	6.00
" Canadensis	.75	6.00
Asters, 12 choice varieties, strong	1.00	8.00
Boltonia Cordata, strong divisions	.75	6.00
*Boltonia Asteroides, strong divisions	.75	6.00
" Latisquama, strong divisions	.75	6.00
Campanula Carpatica, 3-in. pots	.75	6.00
" Alba, 3-in. pots	.75	6.00
" Pyramidalis, strong, 1 year old	1.00	8.00
*Chrysopsis Mastacanthus, strong, 1 year old	1.00	8.00
Cassia Marilandica, strong 1 year old	.75	6.00
*Chrysanthemum, Hardy Pompon, 2½-in. pots	.60	4.00

	Per 100
*Chrysanthemum Maximum Filiformis, strong divisions	$ 7.50
*Chrysanthemum Maximum Triumph, strong divisions	6.00
Clematis Davidiana, 1 year old clumps	6.00
*Coreopsis Lanceolata Grandiflora, strong clumps	6.00
*Delphinium Formosum, light, 1 year old	6.00
" Sulphureum, strong, 2 years old	20.00
*Dictamnus Fraxinella, strong plants	8.00
" Alba, strong plants	10.00
Digitalis, strong plants	8.00
*Doronicum Austriacum, strong divisions	8.00
" Caucasicum,	10.00
" Excelsum,	12.00
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" Speciosus, strong divisions	6.00
*Eupatorium Coelestinum, 3-in. pots	6.00
Gaillardia Grandiflora, 3-in. pots	6.00
Geum Coccineum fl. pl., 3-in. pots	6.00
*Gypsophilla Paniculata, strong, 1 year old	6.00
*Helenium Autumnale Superba, strong divisions	8.00
" Bolanderi, strong divisions	8.00
" Grandicephalum Striatum, str. divisions	6.00
" Pumilum, strong divisions	8.00
*Helianthus Multiflorus fl. pl., 2¾-in. pots	6.00
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" Scabra Major,	6.00
Hemerocalis Dumortieri,	6.00
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" Flava,	4.00
" Kwanso fl. pl.,	4.00
Heuchera Alba, 1 year old plants	8.00
Hibiscus Crimson Eye, strong, 1 year old	5.00
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Dreer's Superb Double, in 6 separate colors	8.00
" in choice mixture	6.00
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Single select, in choice mixture	6.00
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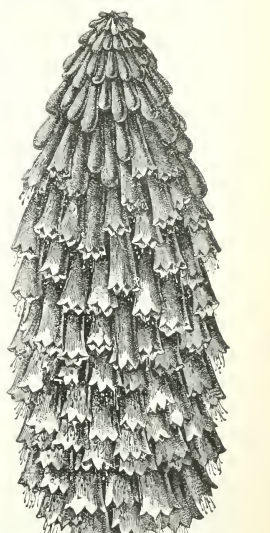
*Incarvillea Delavayi, strong flowering roots	4.00
Lobelia Cardinalis, strong, 1 year old	4.00
" Syphilitica, strong clumps	6.00
*Lysimachia Clethroides, strong divisions	6.00
*Lychnis Chalcedonica Rubra Plena	12.00
" Vespertina Alba, strong clumps	10.00
" Viscaria Splendens, strong clumps	8.00
Monarda Didyma, 3-in. pots	6.00
" Rosea, strong divisions	6.00
" Fistulosa Alba, strong divisions	6.00
Papaver Orientalis, 3-in. pots	6.00
*Pæonia, 12 choice double varieties	12.00
" 12 choice single varieties	20.00
" Tenuifolia	8.00
" flora plena	15.00

	Per Doz	Per 100
*Rudbeckia Purpurea, strong divisions	$1.00	$ 8.00
*Scabiosa Caucasica, 3-in. pots	.75	6.00
" Alba, 3-in. pots	1.25	10.00
*Statice Latifolia, 1 year old plants	1.00	8.00
*Stokesia Cyanea, 3-in. pots	1.25	10.00
*Thalictrum Aquilegifolium, strong plants	1.25	10.00
" Atropurpeum, strong plants	1.25	10.00
" Adiantifolia	1.50	12.00
*Tritoma Pfitzeri, strong divisions	1.50	10.00
" Uvaria Grandiflora, strong divisions	1.00	8.00
*Trollius Europæus, strong plants	1.00	8.00
*Veronica Longifolia Subsessilis, strong plants	1.50	12.00
" Incana, strong plants	1.00	8.00



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*Pentstemon Barbatus Torreyi, strong divisions	$1.00	$8.00
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*Physostegia Virginica, strong divisions	.75	6.00
" Alba, strong divisions	.75	6.00
*Pinks, Hardy, six varieties, strong clumps	.75	6.00
*Platycodon Japonicus, fl. pl., strong clumps	1.00	8.00
" Mariesi, strong clumps	.75	6.00
" Grandiflorum, strong clumps	.75	6.00
*Primula Veris Superba (new)	1.25	10.00
" English Cowslip	.60	4.00
" Vulgaris, English Primrose	.75	6.00
*Pyrethrum Uliginosum, strong divisions	1.00	8.00
*Rudbeckia Golden Glow, strong divisions	.50	4.00
" Newmani, strong divisions	.75	6.00

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Mention THE REVIEW when you write.

GRAND RAPIDS, MICH.

Various Notes.

The weather suddenly changed after sending in my last report, and we have been having a taste of July heat which is somewhat enervating. Some commenced planting carnations in the field last week; others are ready, but are waiting for cooler or more cloudy weather to render it safe to plant. Violets are over and the propagating is under full swing. It takes about 100,000 violet plants to refill the Grand Rapids violet houses, then there is about that quantity potted up for sales. About 60 per cent of the violet crop next season will be Imperial and Marie Louise, the remaining 40 per cent Lady Hume Campbell and a few white. The dark violets sell best through the entire season; the Lady Campbell is all right until about the 1st of February, when it begins to get a bit light. The Campbell is the best variety to grow in the south, as it is a warmer growing violet than the dark ones, requiring 10 degrees more heat to get the best results. It will succeed very well where the dark ones fail.

For the first time this winter business is a little quiet. Shipping has dropped off some, just enough to leave roses plentiful and carnations just about equal to the demand; none going to waste. There are many lilies around town and some are being sold so cheap, it makes one shudder. Roses, A1 stock, bring from 75 cents to $1.25. Carnations, 35 to 50 cents per doz.

James Schols is still sick ahed.

G. F. C.

In the April number of the American Journal of Science appears a very interesting illustrated article by Mr. W. T. Bell, the florist of Franklin, Pa., on the probable origin of the huge spherical rocks found in Ottawa county, Kansas. Some of these rocks are more than twelve feet in diameter, and the deposit in question, consisting of more than fifty detached specimens, is known locally as "Rock City." Some shown in the pictures are almost perfect spheres.

Syracuse, N. Y.—Mr. P. R. Quinlan, of the firm of P. R. Quinlan & Co., has recently returned from a visit to Venezuela. He is a member of the asphalt syndicate about whose concession from the Venezuelan government there has been such a political disturbance.

Milwaukee, Wis.—The greenhouses of Edward Wolff, at Greenfield, were badly injured by fire the night of April 21. The loss is estimated at $1,700. The greenhouses on the property formerly owned by the late Alexander Mitchell are being torn down.

New Haven, Conn.—At the last meeting of the Horticultural Society a committee was appointed to prepare a preliminary schedule of prizes for an exhibition next November.

...ROOTED CUTTINGS...

	Per 100
Abutilon Var. Trailing	$1.50
Achyranthes	1.00
Alyssum (Double Giant)	1.00
" (Variegated)	1.25
Alternanthera (Summer)	1.00
" (Winter)	.60
Ageratum, Princess Pauline	1.25
" Stella Gurney	2.00
" blue and white	1.00
Anthemis (dble. yellow Marguerite)	2.00
Chrysanthemum Merry Xmas, best late white	2.00
Coleus, separate colors	.75
" fancy and large leaf	1.00
" mixed	.60
Cuphea, Cigar Plant	1.25
Daisy, Snow Crest	2.00
Dahlias, named	3.00
Fuchsia, 8 varieties	1.50

	Per 100
Fuchsia, Sunray	$2.00
" Trailing Queen	2.00
Forget-me-not (Winter)	2.00
Heliotrope	1.25
Ivy, German	1.25
" Kenilworth	1.00
Impatiens Sultani	2.00
Lantana, assorted	1.00
Lemon Verbena	1.50
Lobella	1.00
Manetia Bicolor	1.50
Petunias, double flowering	1.50
" single	1.25
Pyrethrum, Little Gem	1.50
Salvia, Golden Spotted	5.00
" Golden Leaved	1.50
" Clara Bedman	1.25
Stevia, variegated	1.50
Tradescantia tricolor	1.25
Vinca Var	1.25
Verbenas	.75

VINCA VAR. Extra large and long vines, at $10.00 and $15.00 per 100.

GERANIUMS. Per 100

"Best," S. A. Nutt, etc. $2.00
Dr. Livingston, Mrs. Taylor, Bronze Named, Freak of Nature, Happy Thought, and Mme. Bruant 2.00
P. Crozy 2.50
Good bedding varieties 1.75
Mixed unnamed varieties 1.50
Mme. Salleroi 1.25
Mrs. Parker 4.00
Silver Leaf 1.50
Ivy Leaf, mixed 1.50
" named 2.00
L'Elegant Variegated Ivy 4.00
America 6.00
Rose Scented 1.50
Double New Life 3.00
New set of 20, $1.00 postpaid.

Stock quoted at $2.00 per 100 is $17.50 per 1000; $1.75 is $15.00; $1.50 is $12.50; $1.25 is $10.00; $1.00 is $9.00; 75c is $7.00; 60c is $5.00 per 1000.

POT PLANTS

	Per 100
Abutilon, Variegated, Trailing, 3-in	$6.00
Alyssum, Variegated, 2¼-in	4.00
Asp. Sprengeri, 2-in	3.00
" 2¼-in	4.00
Cobea Scandens, 2¼-in	3.00
Coleus, 2-in	2.00
Daisy, Snowcrest, 2¼-in	4.00
" " 3-in	6.00

	Per 100
Fuchsia, Tr'ng Queen, 2¼-in	3.00
Forget-me-not, 2¼-in	3.00
Geraniums—Bronze, Silver Leaf, Freak of Nature, 2¼-in	4.00
Mrs. Parker, 2¼-in	6.00
Commend Named, 2¼-in	3.50
L'Elegant (Var. Ivy), 2-in	6.00
Hydrangea, P. & W., 3-in	6.00

	Per 100
Manettia Bicolor, 2¼-in	$4.00
Impatiens Sultani, 2¼-in	4.00
Vinca Var., 2¼-in	3.00
" " 2-in	2.50
" " 3-in	4.00
" " 3½-in	6.00
" " 4-in	10.00
Pyrethrum, Little Gem, 2-in	3.00
" " 3-in	5.00

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Trees, Vines, Shrubs, Hedging.

2,000 *Beech.* European and Purple Leaved.
3,000 *Elms,* American and European.
500 *Japan* Gingko.
2,000 *Lindens.* American and European.
1,000 *Magnolias.* In variety.
50,000 *Maples.* Norway, Sugar, etc.
10,000 *Oaks.* Pin, Red, Scarlet and English.
10,000 *Oriental Plane.* 6 to 12 feet.
75,000 *California Privet.* 1 & 2 yrs.
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10,000 *Clematis Paniculata.*
10,000 *Rosa Wichuraiana* & Hybrids.
5,000 *Rosa Multiflora Japanicra.*
10,000 *Honeysuckles.* Halls', etc.
5,000 *Dahlias.* Whole roots.
100,000 *Asparagus.* Very strong; 5 varieties.
2,500 *Rhododendrons,* *Azaleas* and *Kalmias.*
500,000 *Evergreens.*

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LIBERTY
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MAIDS, BRIDES, GOLDEN GATES,
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$110.00 per thousand.

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They are of EXCEPTIONAL VALUE and cannot fail to give satisfaction.

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	Per doz.	Per 100.
2 inch pot, 1 plant in pot, 6 to 8 inches high.... Per 1,000, $45.00	$1.00	$ 6.00
4 inch pot, 3 plants in pot, 15 inches high	3.00	25.00
6 inch pot, 3 plants in pot, 20 inches high	9.00	75.00
6 inch pot, 3 plants in pot, 24 inches high	12.00	100.00
	Each.	Per doz.
8 inch pot, 3 plants in pot, 30 inches high	$2.50	$30.00

KENTIA BELMOREANA.

	Per doz.	Per 100.
2½ inch pot, 3 to 4 leaves, 8 inches high.....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high	3.00	25.00
4 inch pot, 5 to 6 leaves, 15 inches high	4.50	35.00
5 inch pot, 5 to 6 leaves, 20 inches high	9.00	75.00
	Each.	Per doz.
6 inch pot, 6 leaves, 24 inches high	$1.25	$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high	1.50	18.00

KENTIA FORSTERIANA.

	Per doz.	Per 100.
2½ inch pot, 4 leaves, 8 inches high .....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 leaves, 12 inches high	2.50	20.00
4 inch pot, 4 to 5 leaves, 15 inches high	4.50	35.00
	Each.	Per doz.
6 inch pot, 5 leaves, 24 to 28 inches high	$1.00	$12.00
6 inch pot, 5 to 6 leaves, 30 inches high	1.25	15.00
6 inch pot, 6 leaves, 28 to 32 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high	2.00	24.00

LATANIA BORBONICA.

	Per doz.
6 inch pot, 5 to 6 leaves, 15 to 18 inches high	$ 9.00
6 inch pot, 6 to 8 leaves, 20 to 24 inches high	12.00

JOSEPH HEACOCK, - - WYNCOTE, PA.
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PLANTS to CLOSE OUT

	Per 100
5,000 Geraniums, mixed, 2½-in	$ 1.50
5,000 " New De Roo Mitting, 2½-in., reduced to	10.00
1,000 " Jean Viaud, 3-in	10.00
1,000 Ageratum Princess Pauline, 3-in	2.00
2,000 Marguerites, white, 3-in	2.00
2,000 " 2½-in	1.25
5,000 Cigar Plants, 2½-in	1.25
7,000 Sedum Variegatum, 2½-in	1.25
5,000 California Moss, 2½-in	1.25
1,000 " lee Plant (new), 2½-in	5.00
1,000 Vinca, Variegated Trailing, 2½-in	2.00
1,000 Marie Louise Violets, 2½-in	1.50

	Per 100
2,000 Salvia, Clara Bedman, 3-in	2.00
10,000 Asparagus Plumosus Nanus, from flats	2.00
5,000 Geraniums, mixed, 3-in	5.00
15,000 Verbenas, 30 named kinds	1.50
1,000 Asparagus Sprengeri, 3½-in	5.00
2,000 Smilax, from flats	.25
5,000 Nasturtiums, dwarf, also tall, 2½-in	1.00
1,000 Dracaena Ind., strong, 4½-in	15.00
2,000 Lobelias, Crystal Palace Gem, 2½-in	1.50
10,000 Pansy Plants, 20 leaves, fine	1.50
$10.00 per 1000.	

The above plants are A No. 1. (CASH.) 5 plants at 100 rate.

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QUALITY STRICTLY FIRST CLASS.
METEOR Rose Plants, 2-inch, **$20.00** per 1000.
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Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
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Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
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Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata Gaillardia Grandiflora, Gypsophilla Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyrus Latifolius. **$5.00** per 100. **Primula Veris and Aquilegia Chrysantha,** 2½-in., **$2.00** per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, in 8 fine sorts; rooted cuttings, $1.25 per 100, postpaid; 2½-in. $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 85 W. 12th St., Holland, Mich.**
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Beauty and D. Champion TOMATO PLANTS.
in flats, 15c per 100; $1.25 per 1000.
Smilax from flats, 30c per 100; $2.50 per 1000.
Asparagus P. Nanus from flats, $1.75 per 100; $15.00 per 1000. 100 large pot-grown **Lorrilard Tomato Plants** left at 3c each. **German** and **Kenilworth Ivy,** 60c per 100.
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FOR PARTICULARS ADDRESS
JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.
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TARRYTOWN, N Y.

The regular monthly meeting of the Tarrytown Horticultural Society was held April 25, President Smith in the chair. The executive committee reported the following essays and dates for the balance of the year:

May 2—Dracaenas, Joseph Mooney.
June 27—Small Fruits, David McFarland.
July 25—Useful Commercial Ferns, J. M. Cooke.
Aug. 29—Cyclamens, J. E. White.
Sept. 26—Hardy Shrubs, Thomas Cockburn.
Oct. 31—General Propagation, J. W. Coley.
Nov. 28—Carnations, William Scott.
Dec —Election of officers and annual dinner.

Mr. C. E. Nossiter was proposed for membership. Alex McClelland, of Sing Sing, and Alfred E. Cooke and Mr. Grossman, were elected to membership. Two handsome Spirea astilboides in 7-inch pots was the exhibit from Mr. Wm. Scott and the judges (A. E. White and David McFarland) awarded a certificate of merit.

On motion the secretary was instructed to send a letter of sympathy to Brother Andrew Grierson.

Mr. Turner, our late president, having left Tarrytown it was thought best to fill vacancy in executive committee and Mr. Steven-on was duly elected to fill the same. Mr. Shore, of Harrison, a member of the Portchester Society, being present on invitation, announced his subject and read an able paper on, "Where are we at?" at the close of which he was cheered again and again and was given a vote of thanks for his paper and his visit.

H. J. Rayner, Cor. Sec.

"AT REST."

The Chicago Gazette prints the following story regarding "Pete" Dailey:

"That fat and gifted man before he graced our stage, used to wait on customers in a small butter and egg store on the East Side in New York. When Peter made his first appearance, his East Side friends decided to corner the flower market and mark his debut with a fitting floral tribute. The chairman of the committee of arrangements was a prosperous German undertaker, and his professional instincts so far got the best of him that when Mr. Dailey came before the curtain in response to enthusiastic applause, he was staggered at receiving over the footlights a huge pillow of white roses, on which was traced in purple immortelles, AT REST."

CUT FLOWERS BY MAIL.

Our attention has been called to several small advs. in an English paper of general circulation, of which the following is a sample:

A BOX OF BEAUTIFUL FLOWERS and FOLIAGE, 1s. 6d. upwards: free. DOBIES, Growers, CHESTER.

Our correspondent thinks that the florists of America might find a useful suggestion in this.

Greenville, O.—Mary Elizabeth Frost, wife of James Frost, the florist, died April 24 after a long illness from progressive paralysis. She was 52 years of age. While her friends mourn her death, they bow with a feeling of thankfulness that her sufferings are ended. To the bereaved husband all extend sympathy and words of consolation.

Toledo, O.—A new greenhouse is soon to be erected at Calvary cemetery. Henry Bresser, the sexton, will place the order.

ROSE PLANTS and Carnation Cuttings.

This stock is in fine condition and is sure to give satisfaction.

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty,	**$8.00**	**$75.00**	**Bridesmaid,**	**$3 00**	**$25.00**	**Meteor,**	**$3.00**	**$25.00**
Beauty,	**6.00**	**55.00**	**Bride,**	**3.00**	**25.00**	**Golden Gate,**	**3 00**	**25.00**

Perle, $3.00 per 100; **$25.00** per 1000. **Kaiserin, $3.00** per 100; **$25.00** per 1000

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine....	$7.00	$60.00	Marquis	$3.00	$25.00	Argyle.....	$1.00	$9.00
Guardian Angel	4.00	35.00	Genevieve Lord.....	3.00	25.00	Evanston	1.00	9.00
Sunbeam	10.00	75.00	Crocker	2.50	20.00	Frances Joost.....	1.00	9.00
Ben Hommc Richard.	10.00	75.00	Lawson	2.50	20.00	Cerise Queen.....	1.00	9.00
Nydia	10.00	75.00	Crane.....	3.00	25.00	Gov. Griggs.....	1.00	9.00
Prolifica	10.00	75.00	Mrs. Bradt.....	2.00	17.50	White Cloud.....	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50	Flora Hill.....	1.00	9.00
Mrs. Lawson	6.00	55.00						

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

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GUARDIAN ANGEL.

A sport from Armazindy. Good size, a great producer, fine stiff stem and a good keeper. A first class commercial pink Carnation. Won first prize for "Any other pink not lighter in color than Scott," at last Chicago exhibition.

Rooted Cuttings ready. Price, **$6.00** per 100; **$50.00** per 1000

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A few thousand ready for immediate delivery. All orders filled in strict rotation.
Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00; 100 " 16.00; 250 " 37.50; 500 " 70.00; 750 " 101.25; 1000 " 130.00.
Write for full description.

DAILLEDOUZE BROS., Flatbush, N. Y.

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CARNATIONS. Rooted Cuttings. Ethel Crocker, $2.25; Flora Hill, $1.75; Webb, $1.25; Scott, 90c; Mrs. Thomas Lawson, 90c; Cartledge, $1.00; Keller, $1.50 per 100.

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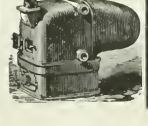

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Your Last Chance
on GERANIUMS....
25,000 Left at Reduced Prices.

Our last crop of Geraniums which we will offer in rooted cuttings is now ready. Our stock is all grown in benches the same as roses and carnations, consequently our cuttings are far superior to the stuff chopped off of pot plants most generally sent out. Strong selected top cuttings, well rooted, ready for 2½-inch pots of the following superb varieties:—Bruanti, Grant, Heterantha, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $1.50 per 100; $13.00 per 1000. Sweet Scented, strong 2½-in., $2.50 per 100. Mme. Salleroi, strong 2½-in., $2.00 per 100.

PETUNIAS, double fringed, 8 novelties, White Fawn, Snow-Ball, Mrs. F. Sander, Pink Beauty, Fantasia, Helen Gould, San Juan and Bonnie, 20,000 strong rooted cuttings well rooted, that will make salable plants in a short time, and ready for immediate delivery, $1.00 per 100; $10.00 per 1000, in variety. Any special variety, $1.50 per 100.

ALYSSUMS, California Giant, for vases and baskets, and Little Gem, for borders, strong 2½ in., $1.50 per 100; $12.50 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

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CARNATIONS!

THREE GOOD PINKS.

Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

HARDY PHLOX

Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at **$5.00** per 100 and rooted cuttings at **$1.25** per 100 or **$10.00** per 1000. I have some ten thousand of these growing now and ready for sale.

ALBERT M. HERR, - LANCASTER, PA.

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SELECTED CARNATIONS.

	Per 100	Per 1000
The Marquis, largest rich pink	$4.00	$35.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker, clear pink	3.50	30.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

GEO HANCOCK & SON, Grand Haven, Mich.

Mention The Review when you write.

A GREAT PULLER.

Your paper is a great puller to sell plants. I could have sold double the amount that I had. I shall always advertise in the *Review* when I have anything to sell.—J. F. BROWN, Knightstown, Ind.

THE BEST OF ALL.

We are more than satisfied with the results of our advertising in your paper. The REVIEW is surely the best paper of all.—JOS. LAIHR & SONS, Springfield, O.

THE ONLY ONE THAT PAID.

The REVIEW is the only one of three trade papers that has given us results that paid.—MAYER & SONS, Willow St., Lancaster Co., Pa.

LAST CALL! LAST CALL!

FOR GOOD CARNATION CUTTINGS.

	Per 100	Per 1000
Bon Homme Richard, white	$10.00	$75.00
Sunbeam, light pink	10.00	75.00
Nydia, variegated	10.00	75.00
Prolifica, cerise pink	10.00	75.00
Mrs. Thos. W. Lawson, cerise pink	$6.00	$50.00
Marquis, pink	4.00	35.00
Genevieve Lord, pink	3.50	30.00
Ethel Crocker, pink	3.50	30.00
G. H. Crane, scarlet	3.00	25.00
Mrs. Geo. M. Bradt, var	3.00	25.00
Gold Nugget, yellow	2.50	20.00
Chicago, scarlet	3.00	25.00
Olympia, variegated	5.00	40.00
Gen. Gomez, crimson	2.00	15.00
Gen. Maceo, crimson	2.00	15.00
White Cloud, white	2.00	15.00
Mrs. Frances Joost	2.00	15.00
Argyle, pink	1.50	12.00
Wm. Scott, pink	1.00	8.00
Evelina, white	1.00	8.00
Armazindy, var	1.00	8.00

CHICAGO CARNATION CO.....Joliet, Ill.

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WE ARE HEADQUARTERS FOR

CARNATIONS AND GERANIUMS

All the leading varieties at reasonable prices, including the finest crimson carnation yet introduced,

Governor Roosevelt.

Descriptive Catalogue sent on request.

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Mention The Review when you write.

Norway The Queen of Commercial White Carnations. Awarded First Prize for 100 white, Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment. Scored 91 points at Baltimore.

Egypt A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

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All of the new ones of this year, the best of last year, and the best standard varieties.

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Complete List of Other Novelties and Standard Varieties. Catalogue ready; write for it.

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Queen Louise Carnation.

This new Carnation produces the finest flowers, is perfectly healthy and is the best white variety ever introduced.

IT BLOOMS EARLY. IT BLOOMS LATE. IT BLOOMS ALL THE TIME.

Our price list contains cuts from photographs taken every two weeks during the months of February, March, April, May, June, October and November. **No other Carnation can stand such a test.**

Rooted Cuttings, $10.00 per 100; **$75.00** per 1000.

COME AND SEE IT OR SEND FOR CIRCULAR.

J. L. DILLON, - BLOOMSBURG, PA.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

530-535 Caxton Building,
334 Dearborn Street, Chicago.

Subscription, $1.00 a year. To Europe, $2.00. Subscriptions accepted from those in the trade only.

Advertising rates: Per inch, $1.00; ½ page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

The Florists' Review is absolutely independent. No person or firm interested in anyway, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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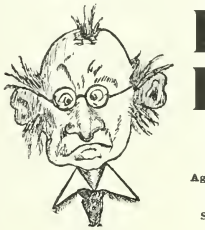
A GREAT SELLER.

Through my adv. in the Review I sold all my plants and could have sold many more if I had had them. I think your paper a great seller.—Mrs. E. Kuntz, Frankfort, Ind.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1899, for Standard Flower Pots.

Mention The Review when you write.



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Agreeable to Handle.
Stay Red.
Don't turn Green.

Sample Pot and Price on application.

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Pat. Sept. 18, 1900.

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CYPRESS GREENHOUSE MATERIAL
WITH OR WITHOUT OUR
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NO THREADS TO CUT FOR OUR
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VENTILATING APPARATUS.

Send four cents in stamps for our circulars and catalogue.

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FOR PRICE LIST

Address... W. H. ELVERSON POTTERY CO.

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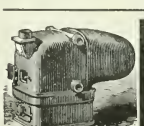

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233 MERCER ST., NEW YORK.
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Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

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IT COSTS 4 CENTS FOR EACH 600 FEET OF FLOOR SPACE

DOES NOT INJURE THE MOST SENSITIVE PLANTS—ENDORSED BY PROMINENT FLORISTS—USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT—200 GS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN——CIRCULAR FREE—

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IF YOU WANT

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FUMIGATE WITH

NICOTICIDE

THE BEST OF ALL

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Write for full particulars to

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Send for our 1901 Catalogue.

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For Sale by Seedsmen.

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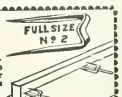
See the Point

The Van Reyper Perfect Glazing Points are the best. No rights or lefts. Box of 1000 points 75 cents, postpaid.

FULL SIZE No 2



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Nursery..... Seed..... Florists'..... **Catalogues**

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A little sap in lumber to be used for interior finish in dwellings won't hurt. But in greenhouse material it is a **fatal** defect.

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We can't afford to have any weak spots in our material.

We want permanent customers, which means satisfied customers.

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(INCORPORATED)

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Never break in sagging.
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Lasting qualities a lifetime.
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They will save you the amount they cost you in one week. No. 1, $5.00; No. 2, $10; No. 3, $20.

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Greenhouse Boiler,
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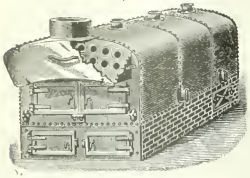

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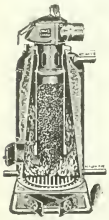

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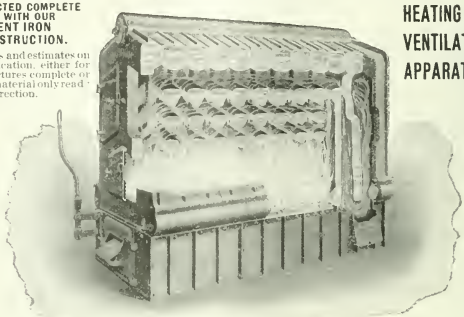

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Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue mailed from our New York Office on receipt of five cents postage for each.
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New Features! Improved Over 1900 Model! Runs Easier Than Ever!

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is giving satisfaction.

Write for Catalogue containing testimonials of the leading growers.
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SEND FOUR CENTS FOR CATALOGUE.
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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MAY 9, 1901. No. 180.

ESTABLISHED 1830.

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Over 160 Acres of Bulbs.

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ROSES, CARNATIONS

And all kinds of Seasonable Flowers in stock.

Also dealer in Florists' Supplies and Wire Designs.

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Is a book that you need in your business. It is

A COMPLETE REFERENCE BOOK FOR COMMERCIAL FLORISTS.

Price, $5.00 carriage prepaid.

If you cannot spare the full amount at once write for our monthly payment offer.

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"It is so easy to find what you want."

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JUST ARRIVED
IN FINE CONDITION
FRESH SEEDS OF

	Per 1000	500 & up at
Kentia Belmoreana	$4.50	$4.00
" Forsteriana	4.50	4.00

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(Late of 15 John St.)
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Mention THE REVIEW when you write.

CYCAS Revoluta Stems. Our specialty for 16 years. True long leaved variety, in weights from ¼-lb. to 20-lb. stems. 100 lbs., $8.00; 500 lbs., $35.00. Larger quantities on application.

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	100	1000
Tuberous Begonias, single, 1¼-in. up	$2.25	$20.00
Separate color, double	4.00	35.00
Mixed	3.50	
Gloxinias, 1¼-in. up, very fine bulbs	3.00	27.50
Caladium Esculentum, 5x7-in.	100, $2.00;	1000, $15;
7x9-in.	100, $3.00;	1000, $25;
9x12-in.	100, $6.00;	1000, $50.
Gladioli, Superb mixture American Hybrids, at least 50 per cent white and light,	100, $1.00;	1000, $8.50.
Gladioli MAY, Borists' favorite for cut flowers. Pure white and rosy flaked,	100, $2.00;	1000, $18.00.
FRESH PALM SEED. Plant now.		
Kentia Belmoreana or Forst.,	100, 60c;	1000, $4.00
Cocos Weddelliana	25c;	100, 1.00
Pandanus Utilis	100, $1.00;	1000, 7.50
Asparagus Sprengeri,	100, 35c;	1000, $2.00; 5000, $9.00; 10,000, $15.00.

Fresh Flower Seed. RELIABLE.

Cineraria Hybrida Grandiflora, pkt., about 500 seeds	25c;	5 pkts., $1.00.
" " Nana (dwarf), pkt., about 500 seeds	25c;	5 pkts., $1.00.
Primula	100	1000
Sinensis Fimbriata, mixed	25c;	$1.75
White rose, crimson, blood red	25c;	1.75
Coerulea, true blue	30c;	2.00

Pansy Seed in finest prize mixture of expert growers in Germany, Scotland and France, mixed, 1000, 25c; 5000, $1.00. Ingnot, Cassier, Trimardeau, Odier, or any color, white, blue, red, yellow, striped, auricula, Faba, bronze, black, at 25c per 1000 seeds. Address

H. H. BERGER & CO.,
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3-inch pots, $5.00 per 100.
4-inch pots, 8.00 per 100.
The above stock is in extra fine condition and should be shifted immediately. A large assortment of the best varieties.

Vinca Major Variegata.

2½-inch pots, $5.00 per 100.
3-inch pots, 8.00 per 100.
No better stock can be purchased for the money; just right for spring filling. It is strong, field-grown clumps.

NATHAN SMITH & SON, ADRIAN, MICH.

Mention The Review when you write.

GERANIUMS, good collection, 2-in., $2.00 per 100. Dble. fringed Petunias, choice, 2-in., $2.00 per 100. Cryptomeria Japonica (Japan Cedar), 2-inch, $3.00 per 100. Asparagus Sprengeri (seedlings), $1.00 per 100.

E. I. RAWLINGS, Quakertown, Pa.

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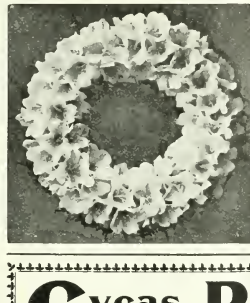
HIBISCUS TOTUS ALBA



Hardy Shrub, pure white, blooming from June until frost. The florists' friend. One year plants, $2.00 per dozen.

CLIVIA HYBRIDS.
Fine imported flowering plants, $3.00, $4.00 and $5.00 per dozen.

ISMENE CALATHINA.
Splendid Summer Lily. Flowering bulbs, 1st size, $10.00; 2d size, $8.00 per 100.

BOUGAINVILLEA.
Fine Plants, 4-inch pots, $2.00 per dozen; extra large plants, 50 cents each.

JOHN G. HEINL & SON,
TERRE HAUTE, IND.

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Cycas Revoluta.

Dormant Stems. The LONG LEAF Variety ONLY HANDLED.

NEW IMPORTATION JUST ARRIVED.

Per 100 lbs	$8.00	Per 1000 lbs	$70.00
Per 500 lbs	$37.50	Per 2000 lbs	$130.00

Please state with order what size wanted, from ¼ lb. to 30 lbs.

Prices on all Summer, Fall and Winter Bulbs cheerfully given by

F. W. O. SCHMITZ, Jersey City, N. J.

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USE Up-to-date FLORISTS' SUPPLIES.

M. RICE & CO.

Importers and Manufacturers,
918 Filbert Street, PHILADELPHIA, PA.
Catalogue for the asking.

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ORCHIDS..

JUST ARRIVED—A fine shipment of Cattleya Trianæ in splendid condition, write for particulars at once as no more plants of this variety will be in the market this season.

Our new price list for 1901 now ready.

Lager & Hurrell, Growers and Importers... Summit, N. J.

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Pandanus Veitchii

Showy plants for porch or lawn, hard grown and well colored.
6-in. pots, 15 to 18 inches above pot, $1 each
7-in. pots, 20 inches above pot, $1.50 each
8-in. pots, 24 inches above pot, 2.00 each

JOHN WELSH YOUNG,
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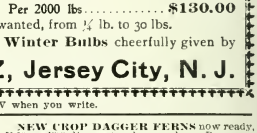

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THE RETAIL FLORIST.....

Wedding Bouquets.

The most important part of a bridal outfit from the florist's point of view is the bouquet, but from a long and close observation we regret to state that to the great majority of florists the bouquet usually means a heavy, cabbage shaped bunch of white flowers for which the poor, enthusiastic "man in the case" pays dearly.

Of course every one is acquainted with the rule that the bride's parents provide the church and house decorations, and the bridegroom the flowers to be carried or worn. Many brides dictate the selection and make up of their bouquets, but in the majority of cases the man goes to what he considers the best places in town, gets suggestions from the florist, pays a good price and goes away convinced that he has done his best to surprise his girl and combat critical friends. But, alas, the general conception of the bride's bouquet is size and weight, and this is the only reason why bouquets are becoming unpopular among the refined people.

We use plain language; many don't like unvarnished words. There will always be a Cheap John, slap dash sort of trade; lack of ability's only hope, only resource, is cheapness, but it is wrong to imagine that there is only a diminutive sort of appreciation for the artistic; there are a great many people who at all times prefer the choice and the dainty to the coarse and big—a vast army who at times are willing to pay for the very best artistically.

Floral art has its renaissance; the present period is one of the most critical; there is a "best" in everything which survives, and this matter of the bride's bouquet deserves deep consideration. To preserve all that is most picturesque and beautiful is the special duty of the florist. Flowers have a refining influence, his arranging of them should add to that influence by being the quintessence of good taste. A bride will ransack every store, devote all her energy, spend her last dollar if necessary, to look her best on her wedding day. To obliterate a dainty, costly lace dress with your cheap ribbon or asparagus "shower bouquet" is a crime; it is one of the few exceptional cases where flowers are vulgar because the florist is ignorant.

If by what we write here we can induce a few to make their bouquets lighter, we will have done some good. We have often been told by brides that they would refuse to carry the bouquets sent them by even high-toned florists, were it not for the fact that they were the gift of the man they loved. We have watched brides walk to the altar carrying the bouquet upside down, and others where they had to use both hands to grasp the handle of the huge bunch; is it any wonder then that in the very cases where flowers should be carried, we see and read of them carrying prayerbooks? And this is on the increase.

There is scarcely anything requiring so much ability as the making of an ideal bouquet; it is an art well worth studying. The present age may be truly considered the commercial one, but it is also critical and appreciative. At this time of the year there is an abundance of splendid material distinctly appropriate to the subject under discussion. We should do our best to get out of the narrow rut of ieebox stock. There is a dreadful sameness, a trying monotony in our present every day supply. It is our own lack of appreciation of the truly beautiful which prevents the public from buying and enjoying many of the finest floral gems.

In New York we have every class, every nationality, to deal with; many of them insist on getting what they were accustomed to at home, and many grotesque affairs are seen. Some of the Latin and even Saxon races still ask for the foulard or carton holders, but there are distinctly American styles of bouquets that have neither been copied from, nor hold second place to any in Europe.

A very beautiful custom has been revived—the wearing of a wreath of roses. No large roses can be used in this design, they must be very small, such as Manda's Wichuraiana hybrids, or polyantha roses; very little foliage, no fixing up, just a natural spray wreath. Many prefer this to the cluster of orange blossoms, the half wreath of valley, or clumsy substitute. Let us run over the list of available material with suggestions.

White lilac with one red or pink rose, white velvet ribbon, short streamer, long loop, for bride. Bunches of apple blossoms, pink silk cord, for bridesmaids; same flowers for men. Loose bunch of gardenias with not much foliage, tie with two white silk cords. Gardenia for head spray, loose bunches of double pink azaleas with pink ribbon for bridesmaids.

Long spray of magnolias with thin string of asparagus tenuissimus, stems wound in white ribbon, to be carried on left arm. Red bud ,peach or high colored sprays of blossoms similarly arranged for bridesmaids. Bouquet of Daphne Indica alba, one Liberty rose, tie broad white ribbon; pink bouvardia for attendants.

Long spray bunch of Cherokee roses, handle twisted with and tied with a few streamers of narrow ribbon. Crimson Rambler sprays for bridesmaids.

Bouquet of Lamarque roses, ribbon handle, no bow streamers. Moss roses and Testouts or La France for attendants.

Loose bunch of white sweet peas, and match bunches of pink sweet peas, broad ribbons or silk cords.

A few white orchids can almost always be found on any orchidist's place, and they are of course the queens of all flowers. The most beautiful and popular way of arranging them is the light, long spray with one or two fronds of Farleyense, very little, if any, ribbon. Odontoglossom crispum, phalænopsis, Vanda cærulea, œlogyne, white cattleyas or any kind in fact can be made use of, but rough greens, poor quality ribbon and compactness must be avoided. Where orchids are carried by the bride, cattleyas should be carried by the bridesmaids.

A long spray bunch of stephanotis mixed with Rhynecospermum jasminoides makes something specially choice; the foliage is too stiff, of course, but you cannot use Asparagus plumosus or smilax consistently as a substitute. A finer green, like a spray or two of Ficus repens with silk covered wire and Adiantum gracillimum, makes a better job.

Fine work can be done with carnations; the entire outfit should be of this flower. There are two ways. The most classical is to carry loose bunches across the left arm, and in the case of brides-

View in the Store of the Shanahan Florist Co., San Francisco, at Easter.

maids, alternately right and left. The flowers for the sides should be specially fine, so neat to tie them, and they should be very loose and irregular. The other way is to make up loose, round bouquets and tie with very broad ribbon, white for the bride, pink or any other color for the rest.

Swainsona is rather heavy, but with light greens makes a good bouquet, and genista is good to match. Flowers such as camellias, echaris, Jasminum gracillimum, Bouvardia Humboldtii, etc., are adapted for head-dress or clusters. We think a cluster of something, or even one flower, at the side of a bouquet, always lends character to it, takes the sameness away and gives it finish.

There is no end to the combinations one can make. Valley and orchids, white roses and valley, or roses, jasminum or rhynchospermum and of orange blossoms with all can go.

A bouquet of white daisies for the bride, yellow ones for her maids, can be made to look pretty. A great many brides are averse to carrying white flowers for the reason that the color emphasizes their own if they happen to be pale. There is an increasing demand for bride's bouquets made of American Beauties or red roses. No sensible florist will make up a set of wedding bunches without first inquiring about the color of the dresses to be worn. Choice of flower mainly depends on that point; the ribbon especially should be the exact shade of flower or dress: there can be no compromise.

There are many grand roses and carnations on the market which could be brought into prominence and kept in cultivation were the average florist equal to the requirements of his profession. My friends, the ideal bouquet is not the flat headed, fern rimmed thing we even see at the exhibitions; it is something far above that. Let us see less of the chromo and more of the water color in our art. Size does not always count; quality is more generally preferred. Attend to the strict rules of correctness; make your bouquets small and dainty, for then they will be carried with pleasure. Keep coarse greens away from tender flowers. Remember the dress is more important than your bunch. The finish is everything: have no tinfoil, no heavy rims of ferns or smilax, but a creation of your best endeavor. Ivera.

LILIES AND FERNS.

We present herewith an engraving from a bunch of lilies and ferns arranged by the Geo. Wittbold Co., Chicago. The ferns used are fronds of the Nephrolepis Wittboldii, which are proving exceedingly useful in such work, taking the place of cycas leaves at much less cost, as well as being a great deal more graceful.

There is certainly a great future for this fern in supplying material for use in floral arrangements as well as a decorative plant. The fronds last exceedingly well. To test this point to our satisfaction we recently obtained several cut fronds and kept them in vases of water in a living room. They remained in good condition for three or four days and were in fair shape at the end of a week.

This valuable characteristic appealed to us so strongly that we requested the Messrs. Wittbold to make up and photograph for us the arrangement from which the engraving is made. It is certainly a very pretty bunch and will no doubt be of interest to many.

THE LAWSON CARNATION.

Owing to numerous inquiries a few hints on the cultivation of the Lawson may not be out of place at this season.

Cuttings propagated any time during February or March will make best stock for early planting and blooming. By "early" I mean plants to be housed latter part of July or first week in August. If wanted for later planting cuttings taken in April (owing to its rapid growth and great vitality) make grand stock for taking indoors in August and September.

Early stock should be put in 2-inch pots and re-potted along as they require until in 3½-inch or 4-inch, but it is not advisable to have the size larger than 4-inch as the ball will be too large to transplant in benches where 4 inches in depth is the limit.

As soon as danger of frost is over the stock may be planted out in the field, and as they are to be lifted early they need not be planted wide apart. Usually the distance will be governed by the width of the Planet, Junior, or other wheel hoe to be used in their cultivation, and 6 to 8 inches apart in many cases will be sufficient between plants in the row.

The first defect in the Lawson is a tendency to throw short stems on first blooms early in the season, if the plants are allowed to make their flowering growth in the field. To remedy this, go over the plants, say ten days before housing, and carefully pinch back all flowering growths, so that their flowering shoots are made under glass. This will insure a much longer stem on first blooms, that will keep increasing as the season advances.

The Lawson is an early (and by reason of its exceptional vitality continuous) bloomer, throwing up its growth in rapid succession so that it comes as near being continuous as any variety yet produced. Its productiveness is wonderful, considering the quality of the blooms, and to stimulate this a liberal supply of nourishment is necessary. I find an occasional top dressing of pulverized sheep manure every two weeks suits it admirably, commencing early in November and continuing all through the winter and spring season. Should the soil appear to be affected, or sour, withhold the sheep manure and substitute a good dusting of air-slaked lime.

Another important point is a tendency of the blooms to fade or "bleach" around the edges on the sudden appearance of sunshine after dull, cloudy weather. We have little trouble in this respect as our houses run north and south and so do not get the direct light in winter, which has been in our favor in the cultivation of this variety, and the reason why I have failed to warn others whose aspect is the reverse. We have had no shading on our houses until three weeks ago, when the east side was shaded, and now we are lightly shading the west. I would advise those growing the Lawson with a southern aspect to shade say 4 to 6 inches down the center of each square or row of glass, as early in the season as this trouble appears, increasing the shade with the season.

If you have any of your houses running east and west, plant Lawson in them, or in any houses that get partial shade from other structures. It will well repay any extra care bestowed.

In other respects the culture of the Lawson does not differ from the average carnation. Only during the dull months of winter I find it beneficial to run the night temperature at from 52 to 55 degrees, keeping it as near the latter as possible. This promotes a steady growth and prevents splitting and other evils caused in my opinion by slow or arrested development.

There is little or no splitting in the fall or spring. Why is not raising the temperature essential to offset this trouble in winter? Peter Fisher.

Ellis, Mass., April 29, 1901.

FORCED BULBS.

Are tuberoses good to use again after they have been in bloom? Also are paper white narcissus and Roman hyacinths of any use after they have flowered, and are they hardy enough for outside use? Also the Dutch Romans. L.

In answer to the above I will say, first, that tuberoses are now so inexpensive in quantities (you can buy them for 85 or 86 a thousand, good bulbs) that it would be absurd to try and save any bulbs that have once been forced. You could not do it for twice the sum that you can now buy them for.

The same can be said of narcissus and Roman hyacinths. These bulbs are grown several years by the Frenchmen, who do all they can to raise a fine bulb in a natural way in the richest of soils, picking off the flowers as soon as developed. We treat them very differently. All we seek is to force out the flower that they prepare for us. Both would flower again feebly, but it would never pay.

Contrary to what many gardeners suppose, the white Roman hyacinth is hardy. As proof of this, Peter Henderson & Co. have many thousands of these now in bloom at the Pan-American Exposition which were planted late last December. If it was a winter with little snow and the bulbs were unprotected and the ground was continually freezing and thawing they would possibly not come through the winter. But planted deeply, then allowing a little frost to get in the ground and covering over with a few inches of litter or stable manure, the Roman hyacinths come through finely. They can also be frozen in boxes outside, when prepared for forcing, but never should be handled in that way; or rather never should be brought suddenly into a warm house.

The paper white narcissus does not want any frost at all.

There is no such thing as Dutch Romans. Possibly your correspondent means the small Dutch hyacinth. These when not forced for very early flowering and allowed to dry off gradually can be planted again in the following October or November and give a fairly good flower out of doors and will do fairly well for several years, but never depend on any of these bulbs for forcing the second year. As every one knows, the Dutch hyacinth is as hardy as a tulip and will survive any winter we have. William Scott.

HARDY PLANTS.

Editor Florists' Review: In compliance with your request, I give you my views regarding the plan that appeared in your last issue. I agree with Mr. Higgins as to the great adaptability of hardy plants for the city yard, but am inclined to favor a few more shrubs, or

Funeral Bunch of Lilies and Ferns.

some vines, to ramble over the fence. As a rule the majority of our perennials are not attractive enough during the whole season to win popular favor, and being planted in front of a few shrubs or a green vine on the fence will help them out admirably. Not every shrub will give satisfaction in the more densely settled parts of the city, but such old standbys as the Philadelphus, flowering currant, honeysuckles, sumach, etc., will thrive almost anywhere.

Looking over the list for the front plat there may arise some objection to Aster Novæ-Angliæ, Helenium autumnale, and probably Boltonia latisquamæ, for such a prominent place. Let us take into consideration that the average person must have something to catch and hold his attention at once to create in him an interest that will later develop into a longing for higher knowledge of plant life and an appreciation of its varied beauty. Mr. Higgins and myself need no stimulant in this direction and we both love the New England aster, but in selecting stock for a city plat where the number and variety is to be limited I would suggest for the same position the bushier Heliopsis Pitcherianus.

The trouble with Helenium autumnale is its poverty of foliage. The asters have to some extent the same fault and are apt to look ragged, besides their foliage is not attractive enough. I have tried them in beds, pinched back as you would chrysanthemums, but have never been able to overcome a certain weedy look.

Boltonia latisquamæ is somewhat better and planted in a corner where its lower stems can be well covered by other plants like the pretty Chelone Lyoni it should not be altogether discarded. I should select it for the rear plat.

Hibiscus Crimson Eye is preferable to H. militaris for the front, and so is either Aquilegia cærulea or the pretty Skinneri tribe preferable to canadense. Such plants as Yucca filamentosa, Campanula carpathica, Coreopsis lanceolata, Achillea millefolium roseum, A. ptarmica fl. pl., Sweet Balm (monarda), eulalia and ribbon grasses, pæonies, Clematis recta and C. Davidiana, should never be omitted when planning a city garden.

To the plants named by Mr. Higgins I would add such bulbous plants as snowdrops, scilias and chionodoxa. The last named winters splendidly here and will come up year after year. I would not leave out lily of the valley for a shady nook (there is already a large patch in a spot not shown in the plan.—Ed.).

Mertensia virginica is pretty indeed, but its flowering period is, I fear, too short to aid in creating enthusiasm in the average city resident. Neither does Yucca filamentosa last long in flower, but the sub-tropical appearance of the plant gives it a distinction that the most ordinary mind must appreciate.

I would also advocate a generous planting of the beautiful Hydrangea paniculata grandiflora and the pretty little Berberis Thunbergii, the gem of the dwarf shrubs.

Chicago. JAMES JENSEN.

[We omitted some of the plants named by Mr. Jensen as desirable additions because they were included in the planting plan and evidently overlooked by Mr. Jensen. We invited Mr. Jensen to give us his views on these plans, so as to bring out as much information as possible. At the same time we know that Mr. Higgins has the best of reasons for selecting the subjects he did. It may be well to state that the plat in question is close to Lake Michigan, a locality with which Mr. Higgins has long been familiar, while Mr. Jensen's experience has been largely in localities several miles away from the lake, and this proximity to the lake makes a wide difference as to hardiness. And a part of the plan was to use only plants that could be absolutely depended upon in this respect. We have asked for suggested changes in the plan from a number of widely separated localities, knowing well that in more favored sections certain subjects can be most advantageously used that it would be useless to plant here, and we hope in this way to provide useful suggestions for all sections.—Ed.].

PERENNIALS.

Perennials are a class of plants which every garden, large or small, may possess and which add to its beauty from early spring until late autumn. A great many of the very early spring flowers belong to the bulb family; but at the same time there are many perennials that bloom full as early, such as pansies, daisies, iris, hardy primroses, etc. Following these come bleeding-heart, pæonies, foxglove, German iris, sweet williams, garden pinks and a host of others. In midsummer we have the varieties of phlox, Golden Glow, blanket flower, hollyhock, followed by those of fall flowering, such as perennial asters and a list that time does not allow us to mention.

Some of the early flowering sorts make their growth in the late fall, which growth is checked by the cold blasts of winter. Early the coming spring we find them again in active growth. In case these varieties of perennials are to be transplanted autumn transplanting is to be recommended. Again we find many perennials making their growth after the flowering season and then remain in a dormant condition until the following spring. To this family belong dicentra, lilies, etc. These plants should not be cut down after flowering, only the flowers removed, as the vitality of the plant is diminished by cutting the stock, thus rendering it impossible to make the necessary preparatory growth for the next season's flowering period.

To grow perennials in their most perfect beauty it requires a well manured, deep worked soil. It is a great mistake to think that perennials once planted will care for themselves. Such seems to be the incorrect idea and it is a pitiful sight sometimes to see these plants making an effort to blossom overgrown with weeds and given no attention whatever. During recent years there has been a tendency to neglect perennials; how-

ever, some of our most beautiful flowers are to be found in the perennials of the old fashioned gardens. A beautiful display of flowers and blending of color can be gained by proper management and a succession of colors second to none other.

We need but to glance over the list of these flowers from the tall growing and stately sunflower and hollyhocks, with their rich and dainty colorings, to the diminutive dwarf daisies, to see the possibilities that lie within the collection. If only a little care in arranging, and attention after planting is given, lo! what a fairyland of blossoms one may have at a trivial cost, which in many private gardens, at least, would make them more than welcome. Let us hope, therefore, that we may see more of grandmother's flowers in our gardens and that they may receive their proper heritage of beauty and grace in the twentieth century garden. C. M. H.

AN EMPLOYES' ASSOCIATION.

Editor Florists' Review: Your request for an expression of opinion in regard to the proposed association of employes is one that deserves careful consideration, for the problem seems to be a knotty one, and also appears to have gone far beyond the good advice contained in the moderate and sensible paper read by Mr. Knope at Detroit.

The chief objects of a labor union among the members of any handicraft are the protection of its members and the promotion of their financial interests, but one of the worst features in nearly all such unions is the fact that the entire membership stands on one level as to pay, and thus the union is most beneficial to the indifferent workman.

It has been suggested that an organization of really capable workmen should be formed, but just imagine the thorny path of the committee on membership of such an organization, and the great difficulty of fixing arbitrary standards by which to guide such a committee.

There also appears to be an obstacle to the success of such a union in the fact that our business is spread over a great area and is mostly in small establishments, there being probably not more than 25,000 employes in about 10,000 establishments, this estimate allowing for quite a liberal increase in numbers since the census of 1890.

That there is room for improvement is quite evident while we find some employers who desire to engage a skillful plantsman, a capable manager and a real floral artist all combined for the magnificent sum of $25.00 per month and board, the latter including a boudoir over the boiler house, but there are also employers who really appreciate efficient help and are willing to give due credit.

There is also the possibility of the employe becoming a partner or starting in business on his own account and in such a case it is highly probable that the union would be much less alluring to the man than before and on the whole there seems to be numerous obstacles and many details to be considered, and this, Mr. Editor, is not the view of a pessimist, but of one who feels some interest in the welfare of his fellow employes. W. H. Taplin.

In regard to starting an employes' association would say I am heartily in favor of such a movement. I have often thought that such an association would be a benefit to the employer as well as the employe if the membership were restricted to good, capable men; otherwise it would be useless.

It would give the employer a better chance to get good men and furthermore it would protect the employe against men who have only a limited knowledge of their profession. At all events let us have such an association of good practical men.

John B. Rudy.
Gardener to Hon. J. S. Fassett, Elmira, N. Y.

Those who have written favoring such an organization have not told us what benefits would result from it except that it would lead to more intimate acquaintance and sociability, and might be the means of obtaining higher wages for its members. Those who would be eligible to join it are so widely scattered that the social features could be better attained through the florists' clubs, and, once a year, through the Society of American Florists.

In order to increase the wages of the employed it would have to be practically a trades union, and these have been the cause of so much enforced idleness and suffering and lawlessness, and would at once antagonize employers — between whom and those who work for them there should be, if anything, more friendly relations—that it seems to me this should not be undertaken.

Trade unions are of the most benefit to the unskillful and the incompetent, and the capable workman who is willing to do what he is hired to do, honestly, and to the interest of his employer and himself, lowers himself by associating with the shirkers. Those who are skillful and willing and trusty seldom lack employment, for all over the country men are looking and advertising for such; and if you needed such a person today you would have some trouble to find one unengaged.

The workman who likes his occupation and wants to succeed, should learn all he can about it through study and thought and observation, and if he is so unfortunate as to be engaged by an ignorant boor who will not pay his wages promptly, let him leave his service as soon as he can honorably and seek employment with a gentleman; and as soon as possible, let him engage in business for himself, and become in his turn an employer; and when he is engaged in the weekly hustle for the means to pay the men at 5 o'clock on Saturdays, he will conclude that employes are not the only ones who have troubles. W. T. Bell.

HARDY PLANTS.

Another Plan.

We have chosen as a subject for this week's example in home decoration a two-story house, 24x38 feet, standing on the west half of a double lot 50x100 feet on the southeast corner of the block, south front, having no fence on the street sides of lot.

The arrangement includes only moderately tall shrubbery and a few tall perennials, because it is never advisable in a city to plant trees which will attain a large size, in a limited space, and they should never be so near a house that they will overshadow it with their branches.

In the plan the front line of porch is 30 feet from inner edge of sidewalk, but the same arrangement could still be used if the distance were 10 feet less. It would only bring the shrubs at the right nearer to the front.

An important consideration in making a selection for the group like the one here indicated is to have it so that the planting may be kept in shape and preserved from year to year without expert assistance. All the plants and shrubs named have endured ordinary winters here in Chicago without special protection and will doubtless prove hardy except far north. John Higgins.

PAN-AMERICAN EXPOSITION.

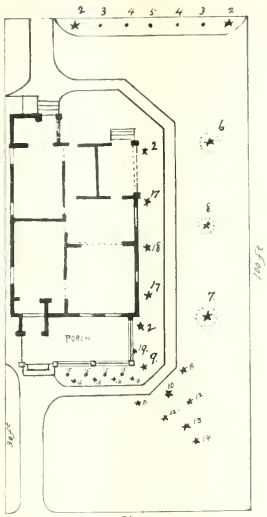
General Notes.

The Pan-American Exposition threw its gates open to the public on Wednesday, May 1. The dedication and opening ceremonies which were to have taken place that day have been postponed till the 20th. We might have had an earlier spring, as we had two years ago, and outside work could have been begun the first week of March, but we had an average spring, so there is no excuse on that account. The fact is, the few weeks between the going of winter and the opening of May are all too short for such an immense amount of work as should be done, and there are here and there places which yet need the finishing stroke. There is, however, beauty enough to satisfy any one, and visitors can see plainly what an enchanting scene the whole will be when completed.

The department of works has a very large force of men and has been working hard placing the evergreen trees in position around the Grand court, where they are most effective as a relief to the immense amount of building. The hyacinths planted on both sides of the Grand Court have made a most brilliant show. The territory surrounding the Service Building has also been very attractive. Some thousands of shrubs have been planted in many parts of the grounds. The banks of the canals have also been planted with groups here and there of willows, and hundreds of drooping plants are planted on the margins. The asphalting was begun about ten days ago, and soon every inch of main road and esplanade will be covered with this smooth pavement.

If the rain and snow have been any hindrance to the work, it seems to have been most beneficial to the grass and the spring flowering plants, which in many parts of the grounds are at present very gay. The Rose Garden is now one of the most attractive parts of the whole grounds. In it are situated all the beds devoted to exhibits, in round figures about 200. H. A. Dreer planted a large number with bulbs last fall. Six large beds of tulips at the Elmwood entrance, planted by F. R. Pierson, are now a brilliant mass of bloom. Messrs. Dreer, C. Eisele of Philadelphia, and Denys Zirngiebel, of Needham, Mass., have also some fine beds of pansies. The 4,000 hardy roses planted last summer as an exhibit by Ellwanger & Barry, of Rochester, and Nelson Bogue, of Batavia, have wintered well and are now breaking finely, which assures some grand beds. A large bed of 500 plants of Crimson Rambler roses, the exhibit of F. R. Pierson, are growing finely. This will be a remarkably showy bed.

In addition to the firms mentioned



Key to Plan.

1 Humulus lupulus
2 Berberis vulg. purpurea
3 Asparagus off.
4 Thalictrum polygamum
5 Boltonia asteroides
6 Cercis canadensis
7 Weeping mulberry
8 Double flowering Crab-apple
9 Philadelphus coronarius
10 Syringa vulgaris
11 Cydonia (Pyrus) Japonica
12 Weigelia rosea
13 Spirea Van Houttei
14 Deutzia gracilis
15 Pæonia off. vars.
16 Aquilegia vulgaris
17 Forsythia suspensa
18 Lonicera tartarica gr. fl.
19 Clematis virginiana
20 Clematis Jackmani

above there are beds of hyacinths and tulips planted by James Vick's Sons, of Rochester; C. D. Zimmerman, of Buffalo; Orange Clark & Son, of Buffalo; Henry F. Michell, of Philadelphia, and ten beds of Spanish Iris, the exhibit of Clucas & Boddington, of New York. Messrs. Parsons & Son, of Flushing, N. Y., have an exhibit of Ilex crenata and Japanese maples. The Wm. H. Moon Company, of Morrisville, Pa., have sent a collection of retinosporas which fills a large bed near the Women's building. Many more consignments are on the road.

Ellwanger & Barry have a very large group of deciduous trees and shrubs. Thos. Meehan & Sons, of Germantown, Philadelphia, have a large collection of evergreens in tubs. J. C. Vaughan, of Chicago, has also a number of beds of pansies. C. W. Ward, of Queens, N. Y., has sent a splendid collection of pelargoniums and zonal geraniums, which are now in the North Conservatory. Peter Henderson & Co. have a large space allotted to them and Mr. Julius Heinrich is on the ground with a force of men getting it in fine shape. If carried out acording to their plan it will be a very fine exhibit.

The Whitney-Eckstein Seed Company, of Buffalo, also Henry A. Dreer, have each about a quarter of an acre devoted to lawn grass, which are splendid in quality. An exhibit which may be of great interest to many is a bed of Ginseng planted by the American Ginseng Company of Rose Hill, N. Y. They have also some fine plants of this Chinese favorite started in the greenhouse. All the herbaceous plants, of which there is a great collection planted by Henry A. Dreer, the Park Floral Company, of Denver, and several others, have come through the winter well.

The Mexican government is making a display in several departments and in horticulture they will be quite prominent. They have four large beds devoted to their exhibits, chief of which will be a great display of cacti. It is under the charge of Mr. McDowell of Mexico City.

Too much cannot be said of the beauty of this part of the grounds, which covers some fifteen acres interspersed with trees and flower beds, good roads and a velvety lawn. To the south of this rose garden is the Buffalo Park, with its fine landscape gardening.

The Exposition management sent to Florida our Mr. H. E. Van Deman, who has sent home some very large cocoanut trees, which are now boxed and placed in the center of the Horticulture building. He also sent what is quite as acceptable, a large collection of agaves, many Mexican orchids and a splendid assortment of tillandsias, which will be used to great advantage in the decorations of the conservatories.

The Geo. Wittbold Company, of Chicago, sent a fine collection of their decorative fern, Nephroplepis Wittboldii. A fine collection of pineapples have arrived from Florida, some in flower, some with fruit half grown and some near maturity. These arrived in excellent order. In the main Horticulture building many of the States are installing their exhibits. California has a magnificent display. Every inch of this fine building will be occupied. The states already in are Michigan, Connecticut, Missouri, Illinois and the Province of Ontario, and more just arriving. I am glad to say that most of the States are not only putting up handsome structures for their exhibits, but are embellishing them with growing plants. California is particularly lavish with palms and orange trees. Missouri also has a fine lot of palms.

The Carnation Exhibition.

As advertised, a carnation exhibition was held from May 1st to the 8th. The flowers were staged in the large Horticulture building, which without any artificial heat kept very cool and the blooms have lasted longer and in better condition than the writer ever remembers having seen elsewhere. Many additions to the exhibits were made on Saturday, but six days after the first blooms were staged the majority were yet in excellent condition and the quality of the flowers was a revelation to many visitors who saw them on the opening day. Florists are, of course, acquainted with the wonderful varieties sent out this and last year, but the public were not aware of the extraordinary size and beauty of many of the newer varieties. The flowers came from many sections of the country, and, without giving you a list of all the exhibitors, I will say that the varieties which showed up in fine style were J. H. Manly (a grand scarlet), Gov Roosevelt, Morning Glory, Mrs. Lawson, The Marquis, Golden Beauty, Olympia, Cressbrook, Rosy Morn, Genevieve Lord, Mary Wood (extra fine), Leslie Paul, Mrs. Bradt, Gen. Gomez, Frances Joost, Goethe (a beautiful light pink), Norway, White Cloud, Flora Hill, Mrs. J. J. Shedd (a grand scarlet), 100 blooms of Enquirer (greatly admired and a great keeper), and many other of the well known older varieties. The carnation exhibition was a success, and as there were 26,000 people on the grounds the first day you can imagine that this exhibition gave pleasure to many.

Though not horticulture I would like to say that beautiful as this Exposition is in daylight when the coloring of the buildings can be seen, to me there is a charm about it when lighted with its 350,000 electric lights that is beyond description. The Electric Tower is possibly a sight that has never been equaled. On it are over 40,000 electric lights. When seen close by you can see the wonderful designs in which the lights are arranged, but when at some distance it is one gorgeous blaze of light.

The carnation exhibit was not entirely competitive. Following is a list of the awards for the first two days. Some splendid flowers have since arrived from C. W. Ward, the Chicago Carnation Company, Fred Dorner & Sons and H. Weber & Sons, Oakland, Md. The result of the later awards I have not yet received. Prof. John F. Cowell acted as judge.

Wm. Scott.

Carnation Show Awards.

First Award.—C. W. Ward, Queens, N. Y.: Class 1, "J. H. Manley;" class 5, "Gov. Roosevelt;" class 6, "Golden Beauty." L. E. Marquisee, Syracuse,

N. Y.: Class [illegible] (white); class 8, "Marquis." [illegible] Guenther, Hamburg, N. Y.: Class [illegible], "Marquis;" class 7, "Mrs. Bradt." Chicago Carnation Company, Joliet, Ill.: Class 4, "Mrs. Thos. W. Lawson." J. Gammage & Sons, London, Ont.: Class 9, (extra fine); class 10.

Second Award.—C. W. Ward, Queens, N. Y.: Class 4, "Mrs. Thos. W. Lawson." L. E. Marquisee, Syracuse, N. Y.: Class 3, "Marquis." Chicago Carnation Company, Joliet, Ill.: Class 1, "J. J. Shedd." J. Gammage & Sons, London, Ont.: Class 2, "Mary Wood." John H. Dunlop, Toronto, Ont.: Class 5, "Gen. Gomez;" class 8, "Olympia." R. Witterstaetter, Cincinnati, O.: Class 10, "Enquirer." A. Herrington, Madison, N. J.: Class 7, "Olympia."

Third Award.—C. W. Ward, Queens, N. Y.: Class 8, "Gov. Roosevelt." L. E. Marquisee, Syracuse, N. Y.: Class 10. Chicago Carnation Company, Joliet, Ill.: Class 2, "White Cloud;" class 3, "Marquis." J. Gammage & Sons, London, Ont.: Class 4, "Rosa Moran." John H. Dunlop, Toronto, Ont.: Class 7, "Mrs. Bradt." A. Herrington, Madison, N. J.: Class 1, "G. H. Crane."

Also a display of Marie Louise violets of excellent quality by Geo. T. Schunemann, of Baldwins, Long Island.

Rose Show.

The second special exhibition of flowers in the Horticultural building at the Pan-American Exposition, Buffalo, will be of tender roses, and will be held May 21 to 25, inclusive. We print below the classes and rules governing same.

All sufficiently meritorious displays will receive a reward. The first will be a diploma, the next a bronze medal, the next a silver medal, and the highest a gold medal.

Suitable vases will be furnished by the exposition management and exhibits will be properly staged where exhibitors do not personally attend.

Judges will be chosen from the most eminent specialists for the respective displays.

All exhibits must be correctly and legibly labeled.

Exhibits must be prepaid to the exposition grounds.

The superintendent will be empowered to remove any exhibit that is no longer attractive.

A business card not to exceed 9x6 inches may be displayed with each exhibit.

Exhibits must be in place not later than noon of the opening day.

Any exhibit in one class will not be considered as competing for award in other classes.

Class 1—Vase of 25 blooms of The Bride.
Class 2—Vase of 25 blooms of Bridesmaid.
Class 3—Vase of 25 blooms of Souvenir de Wootton.
Class 4—Vase of 25 blooms of Meteor.
Class 5—Vase of 25 blooms of Golden Gate.
Class 6—Vase of 25 blooms of Liberty.
Class 7—Vase of 25 blooms of Kaiserin Augusta.
Class 8—Vase of 25 blooms of American Beauty.
Class 9—Vase of 25 blooms of Madame C. Testout.
Class 10—Vase of 25 blooms of Dorathea.
Class 11—Vase of 25 blooms of Perle des Jardins.
Class 12—Vase of 25 blooms of La France.
Class 13—Exhibit of varieties introduced in 1900 and 1901.
Class 14—General display of Tea and Hybrid Tea varieties.
Class 15—General display of Noisette and tender climbing varieties.

Entries must be received by superintendent not later than May 18.

Other special exhibitions to be held during the summer are: Pæonies, May 28 to June 7; Hardy roses, June 18 to 28; Sweet Peas, July 23 to August 2; Gladiolus, August 6 to 17; Asters, August 27 to September 7; Dahlias, September 17 to 27; Chrysanthemums, October 22 to 31.

A pamphlet containing the classes for each of these special exhibitions has been issued and copies may be had on application to William Scott, assistant superintendent in charge of floriculture, Pan-American Exposition, Buffalo, N. Y.

GOVERNMENT SEEDS.

Evidently as the result of the vigorous protests of the Wholesale Seedsmen's League the following orders have been issued by the Secretary of Agriculture at Washington:

April 24, 1901.

General Order No. 40.

During the absence of the secretary all correspondence relating to the congressional distribution of seed shall be referred for attention to Mr. Beverly T. Galloway, director of plant industry, Department of Agriculture, who is hereby given authority to attend to all matters relating to the final settlement of the distribution for 1900-1901. He is required to make thorough investigation of all matters pertaining to the distribution by the contractor during the present year, and especially regarding his compliance with every feature of the contract entered into with the department of agriculture for furnishing, packing, and distributing seeds through congressmen and the department. He will make full and complete report, so that it may be in evidence when final settlement is made with the contractor.

[Signed] JAMES WILSON,
Secretary of Agriculture.

April 24, 1901.

General Order No. 41.

It is hereby ordered that until July 1, 1901, all matters pertaining to the contract for seed to be entered into with the Phillips Seed and Implement Company, for the congressional distribution of 1901-1902, shall be in charge of Mr. Beverly T. Galloway, director of plant industry, Department of Agriculture.

After the 1st of July, 1901, when the law creating the bureau of plant industry goes into effect, all matters pertaining to the congressional distribution of seed, including the control of the employees of the seed division, shall be in charge of Mr. Beverly T. Galloway, chief of the bureau of plant industry.

[Signed] JAMES WILSON,
Secretary of Agriculture.

Mr. Howard M. Earl, with Messrs. W. Atlee Burpee & Co., sends us the following interesting note regarding government seeds:

"Having received several packages of seed from our congressman, Hon. Irving P. Wanger, I have carefully weighed many of the different packets and compared them with the specified requirements of the Department of Agriculture issued January 27, 1900, when bids were asked for on the contract now being executed. These requirements are identical with those issued by the Department November 20, 1900, as to weight of seed in the packets and also with subsequent lists republished and bearing date as late as March 30, 1901, and are, consequently, the official standard for the seeds now in hand. The figures arrived at are as follows:

"Cucumber averages 64 grains; should be 87½ grains, which makes a difference on each packet of 23½ grains, or on the total quantity, of 2,737,280 packets, a difference of 9,189 lbs.

"Lettuce averages 49 grains; should be 54 11-16 grains, making a difference of 5 11-16 grains, or on the total quantity of 2,737,280 packets, 2,224 lbs.

"Watermelon averages 52 grains; should be 87½ grains, making a difference of 35½ grains, or on the total quantity of 2,737,280 packets, 13,281 lbs.

"Peas average 2 2-3 ozs.; should be 3 11-15 ozs.; difference of 1 1-15 ozs., or on the total quantity of 1,184,400 packets, 1,410 bushels.

"Figuring at a rough estimate on the quantities which I state are short I find that they have a value of $6,143.47 or, if I am to think that the shortages as shown on these varieties run the same on the other vegetables it makes an average net gain of $1,535.86 on each variety and, as there are thirteen classes of vegetables, allows a net gain to the contractor, on account of short weight, of $19,966.18.

"This does not include any gain that might have been made from shortage in grass, tobacco, cotton and the flower seeds. The fact that the contractor has been allowed to use any variety in the several different classes instead of any one named sort adds another large sum. Taking the matter of Prize Taker onion alone, there is a difference on this item, if you were to use, say, the Yellow Danvers instead, of over $2,000.

"American Wonder peas, if used, would have cost him over $2,400, while a cheaper substitute could be bought for about $1,000. Taking the whole list through item by item, I find that the total amount to be saved in this way is over $30,000. Adding this to the $19,966.19 named above for short weights you have a round sum of $50,000 as the value of the privilege obtained by the contractor of using 'Selected Varieties,' and short weights, even if all the seeds are of good germinating quality, properly packed, and sent out on time, and full count, which are questions not raised in this discussion. The above sum of $50,000 cannot be considered as otherwise than irregular and over and above the legitimate profits of executing such a contract. When it is considered that the amount of the contract is $108,000 the percentage becomes interesting."

FLORAL TRIBUTES AT THE FUNERAL OF QUEEN VICTORIA.

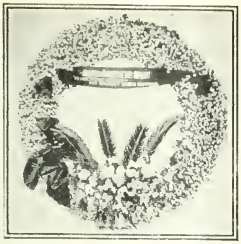
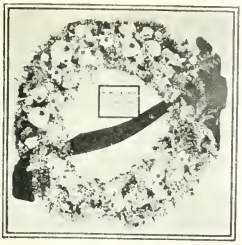
We present herewith engravings of twelve of the leading floral designs seen at the funeral of the late Queen of England, the pictures being reproduced from the London Sphere of Feb. 9.

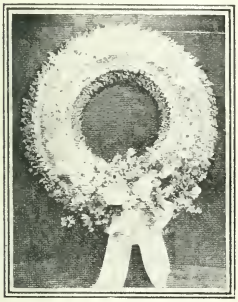
The wreath in the upper left hand corner was from the Queen Regent of Spain, the one to the right of it was from the Earl of Kintore, and that in the upper right hand corner was from the Manchester regiment. At the left in the second row is the wreath from President McKinley, while to the left of this is the wreath from the Greek community and at the extreme right a design from the Seventh Hussars. At the left in the third row down is a wreath from ex-President Garfield's widow, next at the right is one from the Emperor of Japan, and at the extreme right is one from the Society of American Women. At the left in the lowest row is a harp from the Royal Irish Fusiliers, next a design from the Royal Thames Yacht Club, and in the lower right hand corner is a wreath from the government of Australia.

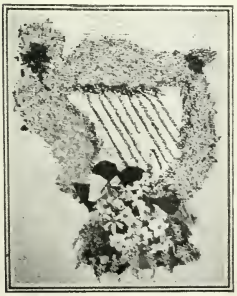
The majority of the designs were by Green, of Crawford street, and Solomon, of Piccadilly, two of London's leading florists, and may safely be taken to represent the highest development of the art in the capital and metropolis of the British Empire, as the occasion was one to call forth their very best thought and effort.

Helena, Mont.—Land has been purchased here upon which it is understood that J. H. Mitchell, of Butte, will build a range of greenhouses costing $30,000 to $40,000.

Clifton, N. J.—Geo. Young is building two houses 35x350 for American Beauties.





Some of the Floral Tributes at the Funeral of the Late Queen Victoria.

BOSTON.

Trade Conditions.

We have not even yet been allowed sun enough to warm things into normal spring conditions. Has anything been overplentiful, except possibly the lilies, until Saturday, the 4th? Upon that day there seemed to be a slight inclination to congestion of the market, mostly caused by an increase in the carnation output. Prices were variable throughout the week, but averaged very well for the time of year, and a great many blossoms changed ownership. Quality since the advent of a little sunshine has been very good indeed.

The lack of variety of flowers used in this city is now quite marked, as bulb goods are getting quite scarce, as is also anything in the line of small white flowers, a little spirea being about all in that line to be found. The Liberty rose is again on its feet and coming in very freely, some of them nearly three feet long. Like Longfellow's little girl, when they are good they are "very, very good," but when they are bad there are none. Incidentally red roses suddenly became very plentiful on the Saturday already spoken of, caused by a falling off in the demand.

Various Items.

The editor of the REVIEW has kindly asked me what I think of all this talk about an employees' association, with a request to think over its possibilities for good and give his type a chance at it.

Now, I did not know there was any talk about such an association and really can see but little need of one so far as New England is concerned. Understanding that a national affair is under consideration, I have an idea it might prove a detriment to this section by getting some of our best workers too much interested in positions outside of their natural bailiwick. This, of course, might prove of advantage to individual employees even if against the best interests of our community at large.

Of course the purpose of such an organization would be to forward the interests of the employee and might be construed as against those of the employer, whether actually so or not. Then the society of the little white metal leaf would have to lock horns with it.

I do not know just what the legitimate functions of this labor trust might be outside of keeping run of good positions and a line of men to fill them, a possible assistanee to members in contention with unjust employers and a standing inducement to all workmen to train themselves up to the standard of requirements for such membership; the latter would seem to be its most commendable feature, as well as its broadest field of operation. New England has too many floral employees unfitted for recommendation, but everything here is too scattered and on too small a scale to be systematized, it seems to me. And, too, our co-operative market, with its efficient and accommodating manager, takes the place of all this very nicely, so far as Boston and a twenty or thirty mile radius is concerned. Also, in this day of colossal consolidation the next thing to do is to Morganize labor as a whole, irrespective of special trades, isn't it?

Away back in heathen literature somewhere there is a sublime little story-ette about a man digging around in the mud while all the time a crown hangs suspended over his head for him to occupy any time he sees fit to straighten up and fill it. The second ease has just come to light. One of nature's noblemen has been engaged in the plebeian labor of shipping roses and pinks when stern Justiee points at him and says, "Eeee homo; stand up and occupy thy crown." Jack Minton is on jury duty for two weeks. Now, ye florists, who have broils and imbroglios, bring them forth! Hast imbibed of the cup that both cheers and inebriates? Hast thou stolen thy neighbor's sheep or looked with lust upon anything that is his? Come to this fount of justice and be free! It is just the legal situation for which lots of us have been looking.

Statisticians tell us that our death rate has been low during our long spell of bad weather, but there surely has been an alarming amount of sickness among the florists, the ease of Mr. Woodward, of South Framingham, being the only one, so far as I know, resulting fatally.

The last arrival upon the sick list was F. M. Wood, of Natiek, who was critically ill with nervous affection, coupled with weak action of the heart, for two or three weeks. His improvement is now very rapid and has been for a week or more.

The demolition of old Horticultural Hall began upon schedule time, May 1, and the building now looks much like Admiral Cervera's fleet when Sampson and the other giants got through with it.

J. S. MANTER.

CHICAGO.

The Market.

There was a sudden change to cooler weather the latter part of last week, but the supply seems not to have been lessened by the change and prices are still very easy. Tea roses are still quoted at $4 to $6, but very few indeed are sold at the top figure, and some exeellent stock has gone begging when offered at $4, especially Brides, which do not move as well as Maids. The great bulk of the good stock is sold at from $2 to $4, and the ordinaries are jobbed off at $1 to $2, and even lower.

Beauties seem to have suffered more than the teas from the season of summer heat, and good ones are very scarce. The few really first-class ones bring $3 a dozen, but $2 to $2.50 is more of a quotable figure, and from that they grade down to $1 per hundred or per bale, as may happen.

Carnations, especially the colored ones, show the effects of the heat badly. A very few extra fancy still bring $3, but good fancy go at $1.50 to $2, and really nice flowers can be had for $1.50, while Scotts, etc., sell at 75 cents to $1. And a buyer who will clean up a mixed lot can get figures as low as 40 cents a hundred.

Lilies and bulbous flowers are still very slow. Fine Poet's narcissus that sold well last year goes begging for a customer at any price this season. Too many cheap roses and carnations to be had. Arbutus seems to be in the same class.

What little demand there is comes from outside points. Local demand is practically dead. It is the moving season, and this always deadens local demand.

Club Meeting.

At the meeting of the florists' Club last Friday evening the entertainment committee, consisting of Edgar Sanders, P. J. Hauswirth and E. F. Winterson, was instructed to arrange for a picnic some time in June or July. Mr. J. P. Sinner, of the firm of Sinner Bros., was elected to membership. Mr. Paul Kopanka responded favorably to a request for a paper and will read one upon cyclamens at the next meeting (May 17). The secretary was instructed to communicate with those on the printed program who had not yet read their essays and endeavor to have as many as possible ready for the next meeting. The secretary presented his apologies for failure to get out notices for the last two meetings and promised better for the future.

The transportation committee reported having issued a circular letter regarding the Buffalo trip as per instructions given at the previous meeting, but that it was too early to report results. The letter will be found printed elsewhere in this issue. The club hopes for a general and early response.

Various Items.

Kennicott Bros. Co. had a fire scare last Saturday. The place became entirely filled with smoke, and as its source could not be discovered crossed electric wires was suspected. The fire department was called and the firemen discovered that the smoke was coming in from an adjoining basement in which a pipe connecting a boiler with the chimney had become disjointed. There was a good deal of excitement before this discovery was made and the street was filled with fire apparatus.

A good many changes are now taking place in the wholesale section. Weiland & Risch are already established in their new place in the basement, while Benthey & Co. have taken the corner position and will be installed by the time this appears in print. They will have much more space than before. The Poehlmann Bros. Co. have taken the place leased by John Muno in the basement and have also secured the adjoining space, giving them much larger quarters, and Mr. Muno will take the place they now occupy on the second floor. This building will be occupied very largely by wholesale florists.

J. F. Kidwell & Bro. have bought the place formerly conducted by John Blanck on 43d street and will continue it as a branch of their Wentworth avenue establishment.

One of Mr. John Muno's daughters was married last Tuesday to a Mr. Phillips.

Heavy rain fell here last Monday night, but suburban places only a few miles west were not favored. And they needed rain, too.

John Mangel's window was particularly attractive last week. The short stemmed flowers were in the center and the heights graded gracefully up each side, while in the center was a tall, slender vase of Beauties. The colors were well harmonized, sufficient green was used to avoid any glaring effects, and the form combinations were excellent. That it was appreciated by the people was evidenced by the number attracted to it.

Mr. N. A. Schmitz, of the Guardian Angel Orphan Asylum, will decorate the

Auditorium for the forthcoming Catholic convention.

T. J. Corbrey has sold his business on West Madison street to H. N. Bruns. Mr. Bruns took possession at once, but will retain his old place also until his lease expires next July. Mr. Corbrey has moved to Oak Park. He will spend the summer in Wisconsin and in the fall will go to California for a long stay.

The prizes offered by the *Tribune* for best gardens, window boxes, etc., this summer, have very considerably stimulated the sales of the seedsmen and florists.

Geo. Dolinski has been convicted of the murder of Anton Lisle and has been sentenced to death. Lisle was employed at the greenhouses of Brant & Noe, Forest park, and was waylaid and murdered one evening on his way home. Mrs. Lisle was considered indirectly the cause of the tragedy.

The Geo. Wittbold Co. recently made shipments of their new fern and other plants to England, Germany and Denmark.

Mrs. Thadon has closed her store on 41st street and has returned to Cincinnati.

Chas. Probst has bought the store business of John Venson at 39 State street.

Mr. and Mrs. Fred Holton, Milwaukee, were recent visitors.

The tulips are now in gorgeous bloom at the parks.

A. L. Vaughan was confined to the house by illness for some time, but is now about again. He will soon leave for New York and will probably remain east for a couple of months.

Bowling.

The "League Games" were started with great eclat and much enthusiasm last Tuesday evening at Worden's alleys and three hot games were served up, all effectively garnished with noise enough to wake the dead. Ed. Winterson's yell at each strike made by members of his team was undoubtedly heard in St. Louis, New York and Buffalo and must have had a terrifying effect on the bowlers of those cities. The scores (which are not so terrifying) follow. The Growers win from the Retailers and the Wholesalers win from the Seedsmen. The games will be continued at the same place each Tuesday night.

GROWERS.			
G. Stollery	181	157	128
F. Mattl	167	181	126
N. A. Schmitz	114	162	133
J. Paulus	174	124	117
F. Stollery	153	158	157
Totals	789	782	661
RETAILERS.			
C. Ballaff	175	165	110
W. Kreitling	144	138	117
F. J. Hauswirth	150	171	171
O. Kreiling	84	115	109
Geo. Asmus	169	184	155
Totals	693	753	662
WHOLESALERS.			
E. Winterson	145	166	153
Jno. Zeck	156	127	158
W. Heffron		184	123
H. Metz	59		
G. L. Grant		153	149
Jos. Foerster	165	158	171
Totals	689	785	749
SEEDSMEN.			
Jno. Degnan	153	152	149
C. A. Hunt	157	117	139
C. W. Scott	91	147	105
W. Nagle	86	86	62
A. L. Vaughan	101	96	82
Totals	593	598	537

After the last club meeting a few games were rolled and the scores follow:

G. L. Grant	144	155	148	182	7
E. F. Winterson	142	189	128	151	7
J. J. Hauswirth	141	147	146	141	146
N. A. Schmitz	155	139	87	127	7
Jno. Reardon	126	120	133	175	7
A. McAdams	79	92	90	124	146

ST. LOUIS.

The Market.

There is an excessive supply of all kinds of flowers and the local trade seems to have died out all of a sudden. The wholesalers say that never before was there such an oversupply in this market. But there are indications that the supply will soon decrease, as much of the stock shows the weakening effects of the hot weather.

Roses, generally, are soft and suffer in color, too. Some of the best Beauties sold as low as $2 and $3 per doz.; some good Beauties as low as $1.50 per doz. and from that down to $1.50 per 100. Other roses sold at $1.50 to $3 per 100 for select stock; in large lots at $10 per 1,000 and from that down to $6 per 1,000. Carnations are extremely plentiful, more so than roses, and stock can hardly be given away. General stock, 50 cents per 100; selected fancies, from $1 to $2. They are suffering from the heat and a great many come in badly bleached. The wholesale men claim they had to get rid of them at $4 and $5 per 1,000 and plenty, even at this price, went to the dump pile. The retailers downtown are selling them at 10 and 15 cents per doz. Violets are about out of the market; only a few from the south come in and they don't sell. Sweet peas, too, have taken a drop to 10 and 35 cents per 100 and the market is overstocked with them also. Harisii lilies are down to $4 and $5 in hundred lots; callas the same, though like everything else they go slowly.

Outdoor stock is swamping the market: lilac is overflowing the wholesaler. Bulb stock is also a drug; good valley is coming in and sells at $2. In greens, ferns are again in the market and the wholesalers say there is no lack of anything except buyers.

Trade at Union Market has improved greatly and plenty of stuff is sold every day.

Notes.

Henry Schnell formerly with the Michell Plant and Bulb Co., has for the past few months been with Max Herzog. Mr. Schnell has the making of a good man for just such a place as Herzog's. He will have full charge of the place, assisted by Miss Martha Herzog, while Max and his wife are away this summer.

Mrs. Eugene Wurst left Friday night to join her husband in New York. Mr. Wurst is now employed as foreman at Siebrecht & Son's place.

The Engleman Botanical Club gave a free exhibition of wild flowers, this being the fifth annual. The exhibition was opened at noon Saturday on the fourth floor of the Board of Education building. The flowers were gathered last Friday, by 100 members of the club, in the woods and fields near the city. A large crowd was present to view the exhibition, which was pronounced a success.

Bowling.

In the April series of games, which closed last week, Ellison, who rolled only [illegible] games, won the championship; [illegible]on, who rolled in all games played, [illegible]econd. Weber has the high single [illegible] with 222; Ellison, second, with [illegible]. The scores are:

	No. G.	Total.	Av.	H. S.
[illegible] Ellison	[illegible]	[illegible]	170	215
[illegible] Kuehn	11	2,319	166	193
[illegible] Weber	12	2,508	152	222
[illegible] Specht	11	2,420	159	186
[illegible] Webb	9	1,621	144	157
[illegible] Kunz	9	1,374	152	178
[illegible] Young	6	784	154	152
[illegible] M. Ellis	4	776	192	199

The bowling meeting was poorly attended last night, only five members being present. The following scores were made:

				Tl.	Av.
[illegible]	179	[illegible]	223	564	187
[illegible]	137	154	158	449	149
[illegible]	162	144	151	457	152
[illegible]	114	116	166	396	132
[illegible]	89	159	142	390	130

J. J. B.

PHILADELPHIA.

The Market.

It will be well not to dwell at length on the cut flower market this week. There is little activity. Prices are uncertain and stock is not easy to move; even carnations are affected. Still business is generally poor in May; June will be better.

The street men are important factors just now. They offer a dozen very nice carnations for the modest consideration of 15 cents and other equally fetching bargains. The old adage, "When Greek meets Greek," is often applied to a particularly fierce battle. This may apply to our industry, as it is rumored that some of these venders think their competitors are spoiling the business and propose to keep them out of it. As far as can be learned no steps have yet been taken in this direction. Some of the commission men think an association of street men would be a good thing and help maintain prices, while others wash their hands of the whole matter.

The Philadelphia *Times* in a recent article puts a different light on this matter, stating that the street men's organization is determined to force the commission men to sell them only fresh flowers and not those that have been a week or more in cold storage on the pain of being boycotted. The object of publicity being to agitate the matter as one of general interest among buyers. It is not likely that the commission men can yield to this demand except at certain times, as the stock sold to the Greeks is always at less than cost of production.

Various Items.

The novelty in the plant line is Robert Craig & Sons' house of hybrid calceolarias, which are very fine. They are grown in bench and in 7-inch pots, showing a great variety of color. The plants are moving quickly at from $1 to $2.50 each.

James Burrows, a well known and respected florist of Germantown, is dead. Mr. Burrows was in business with his two sons on Wakefield street. He had a good trade, chiefly in bedding plants, and was especially interested in geraniums, having helped to popularize many of the leading sorts.

The bedding plant business has opened briskly and indications point to a lively season. In geraniums, Le Pilote and S. A. Nutt are the leading scarlets. There are some fair pinks about, but a really first-class one is needed; will Jean Viaud fill the bill? The average

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price for geraniums is 7 cents for 4-inch stuff, which is enough if they are fine. There are some nice verbenas about in 4-inch pots at 8 cents, which appear to take better than the 3-inch.

Theodore Leissig, 3420 Frankford avenue, has a well grown collection of bedding plants, including geraniums, ageratums and in fact almost everything that is in demand.

The Floral Exchange have their new range of houses ready for glazing. These houses are supposed to be the palace of the Queen of Edgely.

Some of the retailers are complaining that they cannot get the pot roses they want because the growers have sold them to the department stores. The early bird gets the worm every time, gentlemen.

George Anderson is going to plant a house of Liberty this season.

Robert Craig & Sons have just planted a house of the rose Marquise Litta.

Stephen Mortensen has already cleaned up three-quarters of his young roses. They were certainly very well done.

John Savage has been experimenting with white snapdragon as a cut flower.

J. W. Colflesh has his specialty, bedding plants, in full swing now. His double petunias and Phlox Drummondii are very fine. He also has nice Pyrethrum aureum and geraniums of Bruant type, besides a general line of this class of stock.

Samuel J. Bunting has tried grafted and own root Brides and Maids and prefers the former. This is not, however, the general feeling here. The majority of our growers seem to prefer own root stock, although there is a strong minority for the grafted plants.

The seedsmen are rushed with work now; their stores are busy places.

A house fell in last Saturday morning right in front of William J. Baker's commission house. Fortunately no one was injured. The accident was due to the foundation being undermined by an adjoining excavation.

The Florists' Club meeting was held on Tuesday evening at Horticultural Hall. Robert B. Cudlund, of Thomas Meehan & Sons, Germantown, read a paper on landscaping as a part of the florist's business.

The fifth Ladies' Night at the club will take place on Wednesday, May 15. It will be the first of these entertainments to begin in the afternoon at 4 o'clock, continuing throughout the evening. The committee, of which John Westcott is chairman, have issued a neat program. There will be bowling, shuffle boards, refreshments and good company. It is hoped each member will come and bring both maid and matron with him.

It is sad to be referred to as the author of a paragraph which while intended to cheer our comrade gave pain in quite an unexpected quarter. Perhaps some day persistent endeavor will create a great essay on outdoor watering or something else that is really clever.

PHIL.

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Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

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SPRINGFIELD, ILL.—David Wirth has added a new house 10x120 and a new salesroom.

RIDGEWOOD, N. J.—A. V. Snyder is building three houses 30x300 each for roses and carnations.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—Cheap on account of sickness, a good florists' business, established 24 years; connected houses; 5000 feet of glass; steam heat; houses rebuilt nearly new; dwelling on premises. Address P. O. Box 681, Frederick, Maryland.

WANTED—Two young boys, to learn the trade; also one section man, to assist under foreman; references required. Poehlmann Bros. Co., Morton Grove, Ill.

WANTED—A couple of good all-around growers, to help in the houses and in planting out; chance of permanent places if you suit. Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

WANTED—A second hand hot air pump; must be in good condition. Write at once to The Yates Co., Florists, Canajoharie, N. Y.

FOR SALE—Ten greenhouses of about 35,000 ft. of glass, situated in a thriving city 35 miles from Chicago; now doing a large business both in wholesale and retail of plants and flowers. For particulars address W.W., care Florists' Review.

WANTED—Second hand cast iron boiler; also 4-inch pipe, to heat 3000 ft. of glass; state make and size. Address Southern Florist, care Florists' Review.

SITUATION WANTED—As apprentice to learn the trade; private or commercial; willing; intelligent; age 18. C. Lawrence, 233 West 68th Street, New York City.

WANTED—A good rose grower. Frank Garland, 55 Wabash Avenue, Chicago.

FOR SALE OR RENT—By July 1, 8000 feet of glass in a lively western town; houses and boiler new; good dwelling and barn. Address J, care Florists' Review.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave Chicago.

FOR SALE—$1,600.00—In an Ohio college town, lot 75x200 feet; 2000 feet of glass, erected 1899; choice location; steam heat, gas or coal; paying business; established 7 years. Address Greenhouse, care of Finley Real Estate Agency, Columbus, Ohio.

SITUATION WANTED!

As plant and cut-flower salesman in a large city store; can do design work; 20 years' experience in the florists' business; Cleveland, O., Pittsburg, Pa., and Rochester, N. Y., preferred; Scotchman, 35 years of age, married, and of good address; references will speak for themselves as to character, ability, etc.; position must be permanent.

Address Practical, care Florists' Review.

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Verbenas from pots, $2.00 per 100; $18.00 per 1000. Pelargoniums, 100 good named varieties, 3-inch pots, $30.00 per 100. Cash with orders.

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Periwinkle, 2½-inch pots, $3.00 per 100.

Best Pansy in market, $2.00 per 100.

Remember me for coming Chrysanthemum planting. Largest and greatest variety. Cash with order please.

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Gaillardia Grandiflora

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For a full and the most complete line offered in this country, see our current TRADE LIST, which was distributed March 20th.

Varieties marked * are suitable for cut flowers.

	Doz	100
*Achillea Filipendulina, strong divisions	$ .75	$6.00
" Millefolium Roseum, strong divisions	.60	4.00
* " The Pearl, 3-inch pots	.60	4.00
" Tomentosum, strong divisions	1.00	8.00
Actæa Spicata	1.00	
" " Rubra	1.25	
Alyssum Saxatile Compactum, strong divisions	.75	6.00
*Anthemis Tinctoria, $2\frac{1}{4}$-in. pots	$ .60	$4.00
* " " Kelwayi, $2\frac{1}{4}$-in. pots	.60	4.00
* " " Pallida, $2\frac{1}{4}$-in. pots	.60	4.00
*Anemone Japonica Alba, $2\frac{1}{4}$-in. pots	.75	6.00
* Elegans, $2\frac{1}{4}$-in. pots	.75	6.00
* Lady Ardilaune, $2\frac{1}{4}$-in. pots	.75	6.00
* Whirlwind, $2\frac{1}{4}$-in. pots	.75	6.00
Anthericum Liliastrum, strong	.75	5.00

	Doz.	100
Anthiricum Liliago, strong	$ .75	$5.00
Aquilegia Chrysantha, strong	.75	6.00
" " Alba, strong	.75	6.00
" Californian Hybrids, strong	.75	6.00
" Canadensis	.75	6.00
Asters, 12 choice varieties	1.00	8.00
Boeconia Cordata, strong divisions	.75	6.00
*Boltonia Asteroides, strong divisions	.75	6.00
Campanula Carpatica, 3-in. pots	.75	6.00
" " Alba, 3-in. pots	.75	6.00
" Pyramidalis, strong, 1 year old	1.00	8.00
*Caryopteris Mastacanthus, str'g, 1 yr. old	1.00	8.00
Cassia Marilandica, strong, 1 year old	.75	6.00
*Chrysanthemum, Hardy Pompon, 10 var., $2\frac{1}{4}$-in. pots	.60	4.00
*Chrysanthemum Maximum Filiformis, strong divisions	.75	6.00
*Chrysanthemum Maximum Triumph, strong divisions	.75	6.00
Clematis Davidiana, 1 yr. old clumps	.75	6.00
*Coreopsis Lanceolata Grandiflora, strong clumps	.75	6.00
*Dictamnus Fraxinella, strong plants	1.00	8.00
* " Alba, "	1.25	10.00
*Doronicum Austriacum, str'g divis'ns	1.00	8.00
* " Caucasicum, "	1.25	10.00
*Erigeron Salsuginosus, new, $2\frac{1}{4}$-in. pots	1.50	
" Speciosus, strong divisions	.75	6.00
*Eupatorium Cœlestinum, 3-in. pots	.75	6.00
*Gaillardia Grandiflora, 4-in. pots	.75	6.00
Geum Coccineum fl. pl., 3-in. pots	.75	6.00
*Gypsophilla Paniculata, str'g, 1 yr. old	.75	6.00
*Helenium Autumnale Superba, str'g divisions	1.00	8.00

	Doz.	100
*Helenium Bolanderi, strong divisions	$1.00	$8.00
* " Grandicephalum Striatum, str. divisions	.75	6.00
* " Pumilum, strong divisions	1.00	8.00
*Helianthus Multiflorus fl. pl., $2\frac{1}{4}$-in. pots	.75	6.00
* " " Maximus, strong divisions	.75	6.00
*Heliopsis Pitcherianus, strong divisions	.75	6.00
* " Scaber Major, "	.75	6.00
Hemerocalis Dumortieri, "	.75	6.00
" Fulva, "	.60	4.00
" Flava, "	.50	4.00
" Kwanso fl. pl., "	.50	4.00
Heuchera Alba, 1 year old plants	1.00	8.00
Hibiscus Crimson Eye, strong, 1 year old	.75	5.00
*Hollyhocks, strong, 1 year old plants.		
Dreer's Superb Double, in 6 separate colors	1.00	8.00
" " " in choice mixture	.75	6.00
Single select, in choice mixture	.75	6.00
*Hypericnm Moserianum, strong, 1 year	1.00	8.00
Iris Germanica, 12 choice varieties	.75	6.00
" " in choice mixture	.60	4.00
* " Kæmpferi, 25 choice varieties	1.50	10.00
* " " in choice mixture	1.00	8.00
*Incarvillea Delavayi, strong flowering roots	4.00	
Lobelia Cardinalis, strong, 1 year old	.60	4.00
" Syphilitica, strong clumps	.75	6.00
*Lysimachia Clethroides, strong divisions	.75	6.00
*Lychnis Chalcedonica Rubra Plena	1.50	12.00
*Lychnis Vespertina Alba, strong clumps	1.25	10.00
* " Viscaria Splendens, strong clumps	1.00	8.00
Monarda Didyma, 3-in. pots	.75	6.00
" " Rosea, strong divisions	.75	6.00
" Fistulosa Alba, strong divisions	.75	6.00
Pentstemon Barbatus Torreyi, strong divisions	1.00	8.00
* " Gloxinoides, 3-in. pots	1.00	8.00
*Physostegia Virginica, strong divisions	.75	6.00
* " " Alba, strong divisions	.75	6.00
*Pinks, Hardy, six varieties, strong clumps	.75	6.00
*Platycodon Japonicus, fl. pl., strong clumps	1.00	8.00
* " Mariesi, strong clumps	.75	6.00
* " Grandiflorum, strong clumps	.75	6.00
*Primula Veris, English Cowslip	.60	4.00
" Vulgaris, English Primrose	.75	6.00
*Pyrethrum Uliginosum, strong divisions	1.00	8.00
*Rudbeckia Golden Glow, strong divisions	.50	4.00
* " Newmani, strong divisions	.75	6.00
* " Purpurea, strong divisions	1.00	8.00
*Scabiosa Caucasica, 3-in. pots	1.00	8.00
* " " Alba, 3-in. pots	1.25	10.00
*Statice Latifolia, 1 year old plants	1.00	8.00
*Stokesia Cyanea, 3-in. pots	1.25	10.00
*Thalictrum Aquilegifolium, strong plants	1.25	10.00
" " Atropurpureum, strong plants	1.25	10.00
" Adiantifolia	1.50	12.00
*Trollius Europæus, strong plants	1.00	8.00
*Veronica Longifolia Subsessilis, strong plants	1.50	12.00
" Incana, strong plants	1.00	8.00

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Coleus, 12 varieties		1.50		
Achyranthes, red and green	$1.50			
Golden Feverfew and Dusty Miller	1.50			
Ageratum		1.50		3.00
Scarlet Salvia		2.00		
Marguerite Daisies				3.00
Alyssum, double	1.50			
Eranthemum, tricolor				3.00
Alternanthera, 2 colors		2.00		
Fuchsias				4.00
Begonia Vernon			5.00	
Lobelia, extra heavy	2.00			
Verbena	1.50			
Phlox	1.00			
Cannas, good varieties				4.00
Mooavines		2.50		4.00
Cobea Scandens				4.00

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CELERY.—White Plume, Golden Self-Blanching and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000; small for transplanting, 75 cts. per 1000.

EGG PLANTS.—N. Y. Improved, 25c per 100; $2.00 per 1000.

PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; $2.00 per 1000.

TOMATO.—In var., 20c per 100; $1.25 per 1000.

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ASPARAGUS SPRENGERI, 2-inch pots, **$2.00** per 100.

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BUFFALO.

I don't think business has been much accelerated by Pan-American visitors as yet. At least not our business. But it has been quite good and no surplus of flowers. There have been but two warm days this spring and everything is late outside. Outside tulips are just opening; carnations are still fine and more plentiful, glad to say. Roses are very fine. Mr. C. Guenther, of Hamburg, began cutting his first crop of Kaiserin two or three weeks ago and they are A No. 1 flowers.

Our markets are loaded with plants. As usual the people who have a few geraniums in flower rush them off to the market and if they sell at a good price who can blame them? It is quite certain that there cannot possibly be a surplus this year for everything that will adorn a garden will be wanted. There have been so many visitors in town this past week that I cannot possibly remember them all and am thinking of starting a registry of all who visit the Horticultural office at the Pan-American. There was Mr. Huston and Mr. Gray of Toronto, Mr. Julius Roehrs of Rutherford, Mr. Wadley of New York, Mr. Krick of Brooklyn, who is an exhibitor, Robert Kift, who is also an exhibitor in the Bazaar building; and attending the first day's exhibition of carnations, the opening day of the Exposition, we had Mr. Gammage of London, L. E. Marquisce of Syracuse, C. Guenther of Hamburg, and the manager of Mr. John H. Dunlop's retail store. I know I have missed some and they must excuse me for I have had several things to think about of late.

The Carnation Exhibition was a decided success and has interested thousands. The list of exhibits and exhibitors will be found under Pan-American notes. I will say here that several firms have most generously sent on a second shipment, arriving on Saturday and today, Monday, and from present appearances the show will be an attraction every day it was advertised. You hear a little grumbling from people who find the grounds and buildings yet incomplete, but they are in the minority and I take more stock in the impression that it makes on the men in our own business, who certainly have an eye for the beautiful. The Marquis of Syracuse as he stood at the base of the Electric Tower with its 40,000 lights and listened to the music exclaimed, "This is Fairy Land; I want to see the Midway." Mr. Huston of Toronto, who spent three weeks at the World's Fair, said, "This is far more beautiful," and Brother Kift said, "I am astounded with its grandeur." D. J. Scott left on Thursday for a few days in Philadelphia in search of some plants for papa. W. S.

Rochester, N. Y.—Peter Kane, who has been employed by Ellwanger & Barry for forty years, died April 25.

Worcester, Mass.—E. Rathbun will open a floral store at the corner of Pleasant and Severs streets.

Reading, Pa.—C. Getz, the florist, who suffered considerable loss through the falling of an adjoining wall on one of his greenhouses shortly before Easter, has brought suit for damages against the owner of the wall that fell.

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THE "OLD RELIABLE" FOR
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Cut Flowers

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.
Greenhouses: Pleasant Hill, Mo.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR
BRONZE GALAX LEAVES. Delivered **NOW FREE** anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,
The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

Geraniums! ...Coleus!

10 varieties, 2½-inch pots, $3.00 per 100
10 varieties, 3½-inch pots, $4.00 per 100

	Per 100
Alternantheras Yellow	$1.50
Red	2.00
Asparagus Sprengeri	2.00
Plumosus	3.00
Decumbens	10.00
Vinca Vines, 2 var	2.00

15 varieties, 2½-inch pots, strong, $2.00 per 100

	Per 100
Centaurea Gym	$2.00
Verbenas, 15 var	2.00
Pansy Plants	1.00
Pansy, small seedling, 1000, $3.00	.50
Ageratum, blue	2.00
Smilax, May 15	1.25

CASH OR C. O. D. JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention THE REVIEW when you write.

Carnation Blooms!

Extra Select, 3c. Fancy 1½ to 2c.

CHICAGO CARNATION CO., - JOLIET, ILL.

Mention The Review when you write.

Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootton, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, Brides, Maids, etc

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 2 and 2½-inch. Extras.
CANNAS in 4-inch.
VINCAS, PELARGONIUMS, etc.
Write us about BOSTON FERNS.
COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write

Geo. Sanderson & Sons

Florists,
Elm St.,
WESTON, MASS.

BOSTON, MASS.

TO WHOM IT MAY CONCERN:—We have bought Pansy plants of many different parties in the vicinity of Boston and other places, but none have been as satisfactory in every respect as those we bought of Messrs. Geo. Sanderson & Sons, of Weston, Middlesex Co., Elm St., Mass.
WATERHOUSE & MORRISON,
72 Blackstone Street, Boston.

ONSET, MASS.

MESSRS. GEO. SANDERSON & SONS, of Weston, Mass. Gentlemen:—The Pansies that we had of you last season gave great satisfaction. They were very fine.
WHITE & WOOD, Florists, Onset.

Mention The Review when you write.

NEW CROP DAGGER FERNS

FOR MEMORIAL DAY.

$1.50 per 1000 in quantity.

We would respectfully inform the trade that our new crop Dagger Ferns are now ready and are A No.1 quality. Be sure and order them early to avoid disappointment.

We carry a full assortment of Florists' Hardy Supplies, as follows: Galax, Leucothoe Sprays, Hardy Ferns, Moss, Bouquet Green, Laurel Festooning, Bundle Laurel, etc.

Trusting we shall receive your orders, we remain, Yours very truly,

HENRY M. ROBINSON & CO.
36 Court Sq., Boston, Mass.

Mention The Review when you write.

AT $2 PER 100. Strong Stock in Shape to Retail.

Artillery Plant, Begonias, Rose Geraniums, 3 var., Fuchsias, 3 var., Cyperus Alt., Marguerites, white and yellow, Heliotrope, white and purple, Cuphea, Coleus, Geraniums, mixed. Geraniums, named, $2.50 per 100. 3½-in., repotted, in bloom, $5.00; 5-in., $5.00 per 100. Cannas, 3-in., 10 var., $5.00; dry roots, $2.50 per 100. Vines, 3-in. Vincas, $5.00; 2-in., $2.00. 3 var.—Major var. and 2 others. R. C., $1.00 per 100. Send for list.

E. G. BUNYAR, Independence, Mo.

Mention The Review when you write.

HUNTS OUT THE BUYERS.

Your paper seems to hunt out the buyers. We are well pleased with results.—DAVIS BROS., Morrison, Ill.

NEPHR

At the left is a plant
ners were taken from
ton fern. It has not o
to make it a money maker
produces with remarkable f
and as a house plant is full
You **"need it in yo**

"A Most Valuable Decorative Fern."

Philadelphia, Feb. 2, 1901.

The Geo. Wittbold Co., Chicago, Ill.

Gentlemen: We are much pleased with the Nephrolepis Wittboldii; the specimen plant which you recently sent shows the character of the plant very nicely. Its bold heavy foliage, which is made to appear very light and graceful by the wavy edge, should make this a most valuable decorative fern, for which there is room alongside the Boston fern.

We see no reason why the plant should not become just as popular as this valuable variety.

Yours very truly,

HENRY A. DREER, Inc. J. D. E.

Remember we are no
will im

We are offering
per doz., $75.00
to have a stock ready

See our offers of **PALMS,**

The GEO. WITTBOLD CO.

EPIS WITTBOLDII

ttboldii lifted from the bench. After being photographed 40 run- t and potted up. It is even more prolific than the well-known Bos- added beauty and grace but possesses every characteristic necessary hall as well as large grower. It ows quickly into a fine specimen and lasting as N. Bostoniensis. **ness."**

nch of Nephrolepis Wittboldii.

"The Great Fern of the Future."

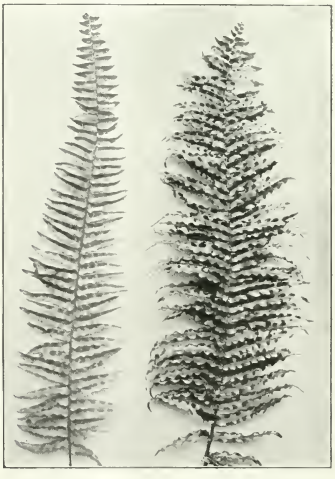
Newark, Ohio, Dec. 27, 1900.

The Geo. Wittbold Co., Chicago.

Gentlemen: Please ship to me as soon as possible 300 more of your Nephrolepis Wittboldii.

The plants I received from you a short time ago are doing so nicely that the more I see of them the more I am convinced that Wittboldii is the Great Fern of the Future, and I feel I cannot get too heavy a stock.

And I know that every enterprising florist will purchase a stock of it as soon as he sees what a grand decorative plant it will make. Wishing you a prosperous New Year, I remain. Yours truly, A. J. BALDWIN.



Frond of N. Bostoniensis Frond of N. Wittboldii.

weak, puny plants, but Strong Vigorous Stock that duce runners if planted out in bench.

dy for 3 and 4-inch pots at **$1.00 each, $10.00** The demand will be immense next year and you ought

YOUR ORDER NOW.

US, CYCAS and IVIES in Classified Advs. in this issue of the Review.

Buckingham Place, CHICAGO, ILL.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. Eclipse, Souv. de Bonn, $2.50 per 100. C. L. Reese, Springfield, Ohio.

AGERATUM.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratums. Per 100: Stella Gurney, 2½-in., $2.00; Princess Pauline, 2½-in., $1.75; rooted cuttings, 75c. O. F. Searles, L. B. 288, Nashua, N. H.

Ageratum Blue Beauty, from flats, in bud, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum Princess Pauline, 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Ageratum, 2½-in., 4 sorts, $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Ageratum, blue, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

ALTERNANTHERA.

Alternantheras. Red; strong, bushy plants, well colored, 3 to 4-in. in dia., $5.00 per 1,000. Strong rooted cuttings ready for open ground, red and yellow, $2.00 per 1,000; 2,000 for $3.00. Dickerson & Belden, Box 275, Miami, Fla.

Alternantheras, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Good bedding vars., $1.75 per 100; $15.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Alternantheras, red and yellow, well rooted cutting, 50c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternanthera aurea nana, rooted cuttings, 50c per 100; $4.50 per 1000, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

2000 alternantheras, 3 kinds, September rooted, choice plants, 60c per 100. Cash. Theo. Fuhr, Beloit, Ohio.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

California Giant, for vases and baskets, and Little Gem, for borders, 2¼-in., $1.25 per 100; $12.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Alyssum, dwarf, 2-in. pots, in bloom, $1.50 per 100. Cash. Jas. Ambracher, Long Branch, N. J.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

Alyssum Double Giant, $2.50 per 100. C. L. Reese, Springfield, Ohio.

AQUATICS.

Hardy water lilies; also the sacred lotus and its varieties. Egyptian lotus by mail, 50c each; extra large tubers by express $1.00 each. Catalogue free. W. J. Richards, Wayland, Ohio.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1631 Buckingham Place, CHICAGO.

Asparagus plumosus nana, strong 2½-in., $2.00 per 100, $25.00 per 1000; from flats, $2.00 per 100, $18.00 per 1000. Sprengeri, 6-in. pots, $2.00 per doz., $20.00 per 100; 2½-in., $2.00 per 100, $18.00 per 1000. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00 per 100 prepaid. Safe and satisfactory delivery guaranteed. Cash. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Asparagus plumosus, strong, 3-in., $10.00; 4-in., $15.00; Sprengeri, 2-in., $3.00; 3-in., $8.00; 4-in., $12.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Asparagus plumosus nanus, from flats, $2.00 per 100. A. Sprengeri, 3½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Asparagus plumosus nanus, 2,000 strong, well grown seedling plants, $1.50 per 100; $12.50 per 1,000. Every one a good plant.

Lawrence Floral Co., Shelbyville, Ind.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000, prepaid.

A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Fresh Asparagus plumosus nanus seed from our own plants, 75c per 100; $6.00 per 1,000 prepaid. Woodcier Greenhouses, Bryan, Ohio.

Asparagus, per 100: Sprengeri, $2.00; plumosus, $3.00; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, from flats, $1.75 per 100; $15.00 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

500 Asparagus Sprengeri, extra strong, 2½-in. pots, $2.00 per 100; 3-in., $3.00 per 100.

Geo. Just, Jacksonville, Fla.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Kuebler, Springfield, Ill.

Asparagus plumosus, all sizes.

A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Asters, transplanted plants, Victory, mixed; Semple's Branching, mixed; Giant Comet, mixed; Truffaut's Perfection, mixed, at 50c per 100; $4.00 per 1,000. Cash please. T. C. Breece, West Berlin, Ohio.

Ostrich Feather, white, ditto pink, Giant Branching mixed, and Daybreak; Semple's Branching, in five colors, 50c per 100. After May 15, Semple's at $2.50 per 1,000.

A. & G. Rosbach, Pemberton, N. J.

Asters, white, pink and lavender, best strain for cut flowers, 2½ in. pots, $1.50 per 100. C. L. Reese, Springfield, Ohio.

Asters, white branching, 35c per 100; $2.50 per 1,000. W. D. Chase & Son, New London, Ohio.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $10.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BANANAS.

Bananas planted now or the north grow 8 or 10 feet high by winter, when they can be dug, placed in cellar until spring. Then reset and they bear in time to grow, and produce an indescribably beautiful bloom, which lasts 4 to 6 weeks, and is sometimes followed by regular bunches of bananas. They are the most tropical in appearance and yet the most easily and quickly grown of all plants. To reduce surplus for next 30 days will mail good bulbs for 15c; doz. for $1.00. South Florida Nursery Co., Dade City, Fla.

BEDDING PLANTS.

COLEUS	1,000.	100.
Golden Queen or Bedder	$4.00	$0.50
Crimson Verschaffelti	6.00	.70
25 other varieties	5.00	.60
Alternanthera, A. Nana	5.00	.60
Heliotropes, 12 varieties		1.00
Salvias, Bedman, Splendens and Silverspot.		1.60
Cuphea, Cigar Plant		.75
Sweet Alyssum, Giant Double		.60
Variegated Alyssum		.60
Ageratums, Stella Gurney and others		.50

The above are rooted cuttings. By mail, 5 cts. per 100 extra.

Geraniums. Nutt and others, 2-inch pots, $2.50 per 100; our selection, per 100 ..... $2.00
Ivy Geraniums, 12 vars., 2-in. pots, per 100 ..... 2.00
Heliotropes, 2-in. pots, per 100 ..... 1.50
Vinca Variegated, 2-in. pots, per 100 ..... 2.00
Vinca Variegated, 4-in. pots, per 100 ..... 8.00
Pelargoniums, Mrs. Layal, Victor and Robert Sandiford, 4-in. pots, per 100 ..... 10.00

Cash with order.

C. A. HARRIS & CO., Delanson, N. Y.

Here I am again with a large assortment of the finest Bedding Plants ever grown, suitable for planting, at remarkably low prices. Now is the time to order such plants. The following plants out of 4 inch pots.

Geraniums, fine plants, such as Le Pilot, Mme. Thibaut, Buiantti, and other leading varieties, in white and assorted colors, from $6.00 to $7.00 per 100. Rose Geraniums, nice plants, $8.00 per 100. Ivy Geraniums, $8 per 100.

Nasturtiums, fine plants, all colors, $7.00 per 100.

Heliotropes, $7.00 per 100.

Ageratum (blue), $7.00 per 100.

Periwinkle, fine plants, $1.00 per doz.

Begonia Vernon, $10.00 per 100.

Begonia Erfordi, pink, the favorite of Switzerland. They are just beautiful and always covered with flowers, make fine beds, looking something like Begonia Vernon, 25 cts. each; $2.00 per doz.

The following plants out of 2½ and 3-in. pots: Cobaea Scandens, fine plants, 3-in. pots, $8.00 per 100.

Coleus, best mixed colors, $3.00 per 100.

Trailing Lobelia, $1.00 per 100.

Alyssum, Little Gem, $3.00 per 100.

Verbenas, all bright colors, $3.00 per 100.

Petunia, single, $3.00 per 100.

Alternantheras, red and yellow, $3.00 per 100.

I am the largest grower of Moon vines in the United States; have about 100,000.

A. W. Smith, the Hybrid Ipomoea Noctiflora, flowers as large as a saucer and pure white, look like wax, 2½-in. pots, $5.00 per 100; 4-in. pots, $8.00 per 100.

The above plants will be taken out of the pots, unless otherwise mentioned.

Araucarias, fine plants, 50 cts., 60 cts., 75 cts., $1.00 and $1.50 each.

Dracaena indivisa imported and home-grown, beautiful plants, 6-in. pots, 50 cts. each.

Corypha Australis, the best house palm, strong plants, 6-in. pots, only 50 cts. each.

Kentia Belmoreana and Forsteriana, fine plants, in 5½ and 6-in. pots, 75 cts. each.

Cash with order, please.

GODFREY ASCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Special prices on bedding plants. Per 100: Geraniums, best var., 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00.

Coleus, 12 varieties, 2½-in., $1.50.

Achyranthes, red and variegated, 3-in., $1.50.

Golden Feverfew and Dusty Miller, 2-in., $1.50.

Ageratums, 2½-in., $1.50; 4-in., $3.00.

Scarlet salvia, 2½-in., $2.00.

Marguerite daisies, 4-in., $3.00.

Alyssum, double, 2-in., $1.50.

Eranthemum, tricolor, 4-in., $3.00.

Alternantheras, two colors, 2½-in., $2.00.

Fuchsias, 4-in., $4.00.

Begonia vernon, 3-in., $5.00.

Lobelias, extra heavy, 2-in., $2.00.

Verbenas, 2-in., $1.50.

Phlox, 2-in., $1.00.

Cannas, good varieties, 4-in., $4.00.

Moonvines, 2½-in., $4.00.

Cobea scandens, 4-in., $4.00.

C. L. Brunson & Co., Paducah, Ky.

Geraniums, 40 varieties, including Poitevine, S. A. Nutt, dbl. and single Grant, La France, etc., 4-in., $5.00 per 100; same in 3-in., $3.00 per 100. Ivy geraniums, double, white, red and pink, 5-in., 60c per doz. Carnations, 2½-in. pots or from flats, Scott, McGowan, $1.00 per 100. $8.00 per 1000. Flora Hill, $1.50 per 100, $12.00 per 1,000. Alternantheras, red and yellow, $1.50 per 100, $12.00 per 1,000. Hardy ivy, 2-yr., 4-in. pots, $5.00 per 100. Vincas, 6-in., 2 var, green and white in bloom, $1.50 per doz., $8.00 per 100. Cash with order. Alex Schultz, Phillipsburg, N. J.

5,000 geraniums from 4½-in. down to 3-in.; 20,000 pansies, finest colors, mixed; 7,000 daisies, white and red and 20 other varieties for bedding, all strong and healthy plants. I want to sell them at wholesale. Ludwig Mosbach, 6500 Anthony Ave., near So. Chicago Ave., So. Chicago, Ill.

Centaurea gymnocarpa, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Centaurea gymnocarpa, $2.50 per 100. C. L. Reese, Springfield, Ohio.

BEGONIAS.

Begonia Rex, 3-in., $5.00 a 100; 4-in., $8.00 a 100. The above stock is in extra fine condition and should be shifted immediately. A large assortment of the best varieties. Nathan Smith & Son, Adrian, Mich.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Begonias—Tuberous-rooted.	Per 100.	Per 1,000.
Single, bulbs 1¼-in and up, all colors mixed	[illegible]	$18.00
Double, large bulbs, 1¼ in. and upward: White, red, pink, yellow, orange and all colors mixed..	[illegible]	30.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Double tuberous-rooted begonias. We offer a grand lot of these at on exceptionally low price. No better begonias are obtainable, and we offer them at an exceedingly low price. We can furnish them in five separate colors, white, pink, scarlet, yellow, and crimson. $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Begonias. Pres. Carnot, Argentea Guttata, Bertha de Chateaurocher, Foliosa, Fairy, $3.00 per 100. Manicata aurea, 3-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

BOUGAINVILLEA.

Bougainvillea, fine plants, 4-in. pots, $2.00 a doz.; extra large plants, 50c each. John G. Heinl & Son, Terre Haute, Ind.

BOUVARDIA.

Bouvardias, $3.00 per 100. Levant Cole, Battle Creek, Mich.

BULBS.

A BIG DROP IN PRICES. Holland hyacinths, tulips, narcissus, spiraeas, etc. Orders now booked for fall delivery. Bulbs supplied at grower's prices in Holland. Also Roman Hyacinths, Narcissus, Paper White Grandiflora, Freesias, Lilium Harrisii and Longiflorum, calla lilies, Chinese narcissus, Japanese fern balls, Berlin Lily of the Valley, Imported Hardy Roses, Rhododendrons, Azaleas, Clematis, Tree Roses, Crimson Ramblers, American Roses, field-grown on own roots, Snowballs, Hydrangeas, and all ornamental nursery and fruit tree stock, from Holland, France and Japan. Florists, seedsmen, superintendents of parks, cemeteries and public institutions will find it to their advantage to send me an estimate of their wants before purchasing elsewhere.

Bargains to close out for immediate delivery; quantity, limited: Excelsior Dwarf Pearl Tuberoses, first size, first quality, per 1,000, $3.75; 500 for $2.00. Cash with order.
C. H. JOOSTEN, 85 Dey St., NEW YORK.

CALADIUM ESCULENTUM.	Per 100	Per 1,000.
Bulbs, 5 to 7 in. in circumference..	$1.50	$12.50
Bulbs, 7 to 9 in. in circumference..	2.50	20.00
Bulbs, 9 to 11 in. in circumference (monsters)	3.50	40.00
Bulbs, 12 in. and over (monsters)...	10.00	
TUBEROSES (Excelsior Pearl).	**Per 100.**	**Per 1,000.**
Strictly first size bulbs, 4 to 6 in. around, 5,000 for $20.00..........	$0.60	$4.50
Albino, or branching tuberose, 4 to 6 in. bulbs	.90	8.00
Variegated Leaf	.90	8.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

TO CLEAN UP.
Caladium Esculentum, 5-7 size, 100, $1.25. Have about 2,000 bulbs of these.
PLANT SEED CO., St. Louis, Mo.

Tuberose Pearl. Extra quality bulbs. 75c per 100; $6.00 per 1000. Fancy-leaved Caladiums; 12 finest named varieties, $12.00 per 100. Caladium Esculentum; large bulbs, 6 to 9 inches in circumference, $3.00 per 100. Extra sized bulbs, 9 to 12 inches in circumference, $6.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; $2.50 per 100. A few vinca minor left at $1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, $1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Ismene calathina. Splendid summer lily. Flowering bulbs, 1st size, $10.00; 2d size, $8.00 a 100. John G. Heinl & Son, Terre Haute, Ind.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Wholesale Bulb Growers. R. Van der Schoot & Son, Hillegom, near Haarlem, Holland.

CACTI.

Phyllocactus, six choice varieties, Cereus flagelliformis, C. grandiflorus, E. C. [illegible] bens, mamillaria, Nuttalli, $1.00 per doz. Aloe picta, A. Vera, Striped Century, $1.50 per doz. Echeveria californica, a fine bedder, $3.00 per 100; rooted offsets, $1.25 per 100. For all orders before June 1 $7.00 worth of plants may be selected for $5.00. Cash with order.
Mrs. M. E. Patterson, Glendale, Cal.

CANNAS.

Strong plants from 3-in. pots. J. Monteith, $3.50 per 100. Italia, Sunray, Eldorado, Burbank and Austria, $2.50 per 100. Also 500 dormant roots, 2 to 3 eyes, of Austria and Italia, $1.00 per 100. W. A. Wettlin, Hornellsville, N. Y.

Cannas—Large dormant roots. Austria, clear yellow, grand foliage, Grand Rouge, bronze foliage variety, 50c per doz.; $2.00 a 100; $15 a 1,000. CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

The new red canna, Admiral Dewey, extra large flower and truss, free and continuous bloomer. Strong started plants, $20.00 per 100. Harkett's Floral Nursery, Dubuque, Ia.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1000. Austria, strong plants from pots, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas, three good varieties, well-started, fine plants, $2.50 per 100; 25 at 100 rate. J. E. Marsh, Vienna Cross Roads, Ohio.

Cannas, best French var., from soil, ready for 4-in., $3.50 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Canna Mrs. Kate Gray, $2.50 per doz.; 100 plants, 4-5 inch pots, fine, $20.00. C. G. Nanz, Owensboro, Ky.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Austria, strong, started plants, $3.00 per 100. C. L. Reese, Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, fine for vases, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

STRONG STOCK FROM SOIL.	100.	1,000.
Wm. Scott	$0.75	$ 7.00
Evelina	.75	7.00
Armazindy	.75	7.00
Flora Hill	1.00	10.00
Argyle	1.00	10.00
White Cloud	1.00	10.00
Mrs. Frances Joost	1.50	12.50
Gen. Maceo	1.50	15.00
G. H. Crane	2.00	20.00
Mrs. G. M. Bradt	2.00	20.00
America	2.00	
Gold Nugget	2.00	20.00
Marquis	3.00	30.00
Genevieve Lord	3.00	30.00
Morning Glory	4.00	40.00
Olympia	4.00	40.00
Mrs. Thos. W. Lawson	5.00	40.00
Estelle	3.50	30.00
NEW VARIETIES.		
Prosperity	12.00	110.00
Sunbeam	10.00	75.00
Nydia	10.00	75.00
Norway	10.00	75.00
Gov. Roosevelt	10.00	75.00

CHICAGO CARNATION CO., Joliet, Ill.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

Carnations. Strong stock.
Frances Joost, $1.50 per 100; $12.00 per 1,000.
Gen. Gomez, $2.00 per 100; $15.00 per 1,000.
McGowan, $1.00 per 100; $9.00 per 1,000.
Wm. Scott, $1.00 per 100; $9.00 per 1,000.
All extra fine.
Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

Carnation pot plants, well established, ready to plant out. Per 100: Genevieve Lord, Marquis, Morning Glory, $4.00; Crocker, Crane, $3.00; Mary Wood, F. Hill, F. Joost, $2.75. Harkett's Floral Nursery, Dubuque, Iowa.

ROOTED CARNATION CUTTINGS. No better carnation blooms were ever offered in the Chicago market than those we are shipping out this season. Our plants are in perfect health and every cutting offered is well rooted and in first-class condition. We have all the fancy sorts.

	100.	1,000.
The Sport, pink Armazindy	$ 6.00	$50.00
Mrs. Leopold Ine	7.00	60.00
Irene	10.00	75.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Prolifica	10.00	75.00
Nydia	10.00	75.00
Mrs. Lawson	7.00	60.00
The Marquis	4.00	35.00
Genevieve Lord	4.00	35.00
Ethel Crocker	4.00	35.00
Peru	4.00	35.00
G. H. Crane	3.00	25.00
America	2.50	20.00
John Young	1.50	12.50
Cerise Queen	1.50	12.50
Evanston	1.50	12.50
Argyle	1.50	12.50
Triumph	1.50	12.50
Frances Joost	1.50	12.50
Gov. Griggs	1.50	12.50
Melba	1.50	12.50
Edna Craig	1.50	12.50
Flora Hill	1.50	12.50
White Cloud	1.50	12.50
Evelina	1.00	7.50
McGowan	1.00	7.50

WIETOR BROS., Wholesale Growers of Cut Flowers, 51 Wabash Ave., CHICAGO, ILL.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Mrs. Leopold Ine	$ 7.00	$60.00
Guardian Angel	4.00	35.00
Sunbeam	10.00	75.00
Bon Homme Richard	10.00	75.00
Nydia	10.00	75.00
Prolifica	10.00	75.00
Irene	10.00	75.00
Mrs. Lawson	6.00	55.00
Marquis	3.00	25.00
Genevieve Lord	3.00	25.00
Crocker	2.50	25.00
Crane	3.00	25.00
Mrs. Bradt	2.00	17.50
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
White Cloud	1.25	10.00

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100, $60.00 per 1000; Estelle, $6.00 per 100, $50.00 per 1000; Marquis, Lord, Elm City, $5.00 per 100, $40.00 per 1000; Crocker, America, L. Paul, $2.50 per 100, $23.00 per 1000; Hill, $2.00 per 100, $15.00 per 1000; Armazindy, Evanston, Dana, Meteor, Victor, $1.00 per 100, $10.00 per 1000. Dana R. Herron, Olean, N. Y.

Carnation rooted cuttings. Ethel Crocker and Mary Baker, $2.50 per 100, $20.00 per 1,000; Flora Hill and Triumph, $1.50 per 100, $12.50 per 1,000; Marquis, $3.00 per 100; Crane, $2.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

Carnation rooted cuttings. Per 100: Ethel Crocker, $2.25; Flora Hill, $1.75; Webb, $1.25; Scott and McGowan, 90c; Cartledge, $1.00; Keller, $1.50. Arno S. Chase, Cumberland Center, Maine.

Rooted cuttings from soil, well hardened; ready to plant. As good as 2½-in. plants. Per 100: Crane, $2.50; Pingree, $2.00; Crocker, $1.50. Cash. H. L. Phelps, Springfield, Ill.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Prosperity, the largest fancy carnation. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Three good pinks, Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.
Albert M. Herr, Lancaster, Pa.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

Strong carnations, 2½-in., $2.50 per 100. Levant Cole, Battle Creek, Mich.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz.; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

Rooted cuttings in good condition, Willowbrook, best early, large white, $2.00 per 100. Ivory, Golden Wedding, Pacific, Bonnaffon, Maud Dean, Mrs. Jerome Jones, $1.50 per 100. David Scott, Fredonia, N. Y.

All standard varieties, rooted cuttings, $1.00 per 100; $9.00 per 1,000. White and Yellow Monarch and Wm. Simpson, from 2¼-in. pots, $2.00 per 100. Cash please. E. Leuly, West Hoboken, N. J.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Chrysanthemums, 2½-in. stock and rooted cuttings. For list of varieties and prices see display adv. in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Rooted cuttings of Bonnaffon and other leading chrysanthemums, $1.00 per 100; $8.00 per 1000. E. Volmer, 86 Palisade Ave., West Hoboken, N. J.

Chrysanthemums from flats, $1.00 per 100, $8.00 per 1,000; 2½-in. pots, $2.00 per 100, $15.00 per 1,000. All good var.
C. G. Nanz, Owensboro, Ky.

Chrysanthemums. Glory Pacific, Modesto, Blackhawk; good strong 2½-in., $2.50 per 100. Harry White, New Holland, Ind.

CLEMATIS.

Clematis Paniculata	Per 100.	Per 1,000.
No. 1	$ 6.00	$ 50.00
3 years old	7.25	70.00
Extra size	9.00	80.00
Double extra	12.00	110.00
One year, very fine	2.50	20.00

The Elizabeth Nursery Co., Elizabeth, N. J.

Clematis, extra strong, 3-year, 30c; 2-year, dormant or from 6-in., 18c; 1-year, at moderate prices. C. paniculata, strong dormant plants, 8c; from 5-in., 10c. W. H. Salter, Rochester, N. Y.

100 Clematis paniculata, 1 year, transplanted, $1.25, mailed free. John H. Ley, Good Hope, D. C.

Clematis, strong 2-year, in 4 and 5-in. pots, $2.00 per doz. F. A. Baller, Bloomington, Ill.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

COLEUS.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1,000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Extra fine lot, 25 varieties, 2-in., $1.50 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Golden Bedder and Verschaffeltii, 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Coleus. Nothing but gilt edge stock. 60c per 100, $5.00 per 1000. 3-in. pots, $2.50 per 100; $20.00 per 1000. Kennedy Bros., Pikesville, Md.

Verschaffeltii, Golden Bedder, Yellow Queen or mixed. Rooted cuttings or 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, rooted cuttings, standard and fancy sorts; cheap. Cash with orders. David Scott, Fredonia, N. Y.

Coleus rooted cuttings, 50 new choice varieties, 5?c per 100. Cash with order. Theo. Fuhr, Beloit, Ohio.

Coleus 15 varieties, 2½-in. strong, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

If you read these advs. others would read yours.

CYCAS.

Cycas revoluta. Dormant stems. The long leaf var. only handled. New importation just arrived. Please state with order what size wanted, from ¼ lb. to 30 lbs. Per 100 lbs., $8.00; 500 lbs., $37.50; 1000 lbs., $70.00; 2000 lbs., $130.00. F. W. O. Schmitz, Jersey City, N. J.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas revoluta, dormant, $10.00 per 100 lbs. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen grand. spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1000. C. Winterich, Defiance, Ohio.

Cyclamen persicum giganteum, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

DAHLIAS.

Dahlias. Large field clumps.	Per 100.	Per 1,000.
Cactus, show and fancy double mixed, all colors	$ 3.50	$30.00
Storm King, finest white for cutting.	15.00	

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Dahlias, mixed, $3.00 per 100. Levant Cole, Battle Creek, Mich.

DAISIES.

Marguerite, rooted cuttings. Per 100: California White, $3.00; Giant White, $4.00; Common White, $2.00. Poehlmann Bros. Co., Morton Grove, Ill.

Marguerites, double yellow, $2.00 per 100, $17.50 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Marguerites, white, 2¼-in., $1.25; 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

Dracaena indivisa, 4½-in., $15.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Dracaenas, 4-in. pot plants, $1.50 per doz.
A. & G. Rosbach, Pemberton, N. J.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.00	15.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica albo-lin	2-inch	.50	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100 ferns from flats, nice plants, 5 good sorts, $1.25, mailed free; $10.00 per 1,000 by express. 100 Boston ferns, strong, 3-in. pots, $4.00. John H. Ley, Good Hope, D. C.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Boston ferns. 400 from 4-in. pots, 6 to 10 fronds, 18 inches to 2 feet long; in fine shape, $1.00 per doz.; $8.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Polystychum proliferum (lace fern), the best general purpose fern in existence; 3-in., pot size, $7.00 per 100. A. & G. Rosbach, Pemberton, N. J.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz.
A. J. Baldwin, Newark, Ohio.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

Strong Pteris tremula, out of 2-in. pots, $2.50 per 100. Mrs. E. Kuntz, Frankfort, Ind.

1,000 Boston ferns, 2½-in., ready to shift, $4.00 per 100. Geo. Just, Jacksonville, Fla.

Boston ferns, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

FEVERFEW.

Feverfew Little Gem, 2½ and 3-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

Send in your order now for a copy of the Florists' Manual.

FRUIT PLANTS.

Strawberry plants. Well-rooted young plants, securely packed to be shipped by express. Saunders, Sharpless, Gandy, Bubach, Marshall, Pride of Cumberland, Greenville, Excelsior, Darling, Bismarck, Jessie Ridgeway, Manwell, Gandy Belle, and Wolverton, at 50c per 100, $2.00 per 1,000. Not more than three varieties in 1,000, at 1,000 rates. Barton's Eclipse, Bederwood, Seafordt Elenor and Crescent at 50c per 100; $1.50 per 1,000. Not less than 500 of a variety at 1,000 rates. Miller Rush, strong plants, 75c per 100; $4.00 per 1,000. Chas. Black, Hightstown, N. J.

For the best stock of strawberry and other small fruit plants, also asparagus roots, send to Wilfrid Wheeler, Box 600, Concord, Mass. Pot-grown strawberry plants for florists' use a specialty.

Imp. Gooseberry, 1-year, $5.00 per 1,000; 75c per 100. Downing Gooseberry, 2-year, $1.75 per 100. W. H. Salter, Rochester, N. Y.

Josselyn, or Red Jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Baller, Bloomington, Ill.

FUCHSIAS.

Fuchsia, double, $1.50 per 100; $12.50 per 1,000; single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Fuchsias, 2½-in., nice plants, single and double, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

GERANIUMS.

2,000 geraniums, best bedding var., 2¼-in., $2.00 per 100; $15.00 per 1,000. S. A. Nutt, Mrs. E. G. Hill, B. Poitevine, Kelway, Mme. Jaulin, C. of Castris, Mme. Bruant, A. Ricard, Dbl. Grant, Fleur Poitevine, Ky. Bell and others. Mrs. Pollock and Happy Thought, 3½-in., $8.00 per 100. Rose geraniums, Nutmeg, Shrubland Pet and Mrs. Taylor, 3-in., $2.00 per 100. C. G. Nanz, Owensboro, Ky.

One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Despres, Jean Viaud, Clyde, etc., from 2½ and 3-in. pots. A collection of 25 varieties, including one Little Pink for $2.50. Also standard varieties from 3-in. in bud and bloom, for bedding and market purposes. Marvel, Nutt, Mme. Bruant, etc., $5.00 per 100. W. E. Hall, Clyde, Ohio.

GERANIUMS.
FINE ASSORTMENT
2½-INCH POTS,
$2.00 PER 100.
CASH.
G. W. WEATHERBY,
CHILLICOTHE,
MO.

Geraniums. Strong rooted cuttings of the following superb varieties: Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $1.50 per 100; $14.00 per 1,000. Rose geranium and Mme. Salleroi, 2½-in., $2.00 per 100. Buckley Plant Co., Springfield, Ill.

Geraniums. 20 best varieties, extra strong, fall rooted, 3½ and 4-in., 1 to 3 buds and blooms each. Your choice of color, single or double, $6.00 per 100. No better at any price. Money back if not pleased. J. G. Reynolds & Son, 136 W. Pultney Street, Corning, N. Y.

Geraniums of the following varieties, in fine shape, 4-in., $5.50 per 100; $50.00 per 1,000: Ricard, Nutt, Poitevine, John Doyle, La Favorite, Hill, F. Perkins, La France. Cash please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Geraniums Pierre Le Brun, Mme. Landry and other new ones. Bruant, La Favorite, John Doyle, Madonna, with other good old varieties. Write for prices for 2, 3 and 4-in. pots. Wm. Swayne, Box 226, Kennett Square, Pa.

Geraniums, mixed varieties; pink, white and scarlet, double Bed of Gold, La France, Wonderful and other varieties, all good bedders. Write for prices. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Geraniums, fine plants, well budded or in bloom, of Red Bruant and Dbl. Grant, 4-in., $5.00 per 100. Nutt and La Favorite, $6.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums. Per 100: Mixed, 2½-in. $1.50, 3-in. $5.00; De Roo Mitting, 2½-in. reduced to $10.00; Jean Viaud, 3-in. $10.00; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Geraniums. S. A. Nutt, Hill, single and double Grant, A. Ricard, 2¼-in., $2.50; 3-in., $3.50; 3½-in., $4.00; 4-in., $5.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Geraniums. Per 100: Double New Life, 2½-in., $3.00; rooted cuttings of same, $1.50; good mixed varieties, 2½-in., $2.50. O. F. Searles, L. B. 288, Nashua, N. H.

Geraniums, Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Shrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

S. A. Nutt, 2¼-in., $3.50 per 100. Mme. Salleroi, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

600 geraniums. Montmort, Castries, Harcourt (dbl. white), E. G. Hill, etc., 2½-in., $2.50 per 100. Geo. Just, Jacksonville, Fla.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums, good large plants, in 2-in. pots, at $2.50 per 100; 25 at 100 rate. J. E. Marsh, Vienna Cross Roads, Ohio.

Geraniums, mixed varieties, fine large, 3½-in. plants, $4.00 per 100. Van Wert Greenhouses, Van Wert, O.

Geraniums, 3 and 3½-in. strong, assorted; best kinds, $3.00 per 100. Brockman & Co., Fort Smith, Ark.

Geraniums, 10 varieties, 2½-in., $3.00; 3½-in., $4 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums. Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Gladioli bulbs. Another cut in price. Good mixed, strictly 1st size bulbs, 1½-in., and over in diameter, and containing over 50 per cent white and light types, same as sold elsewhere at $9.00 per 1,000, our price, 60 cts. per 100; $5.00 per 1,000, or 2,000 bulbs for $9.00. American Hybrids, mixed, selected bulbs, $1.00 per 100; $7.50 per 1,000. White and light, for florists, $1.75 per 100; $15.00 per 1,000. May, pure white, $2.00 per 100; $17.50 per 1,000.
CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,0000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

Gladioli. Fine mixture of light shades. Will sell at remarkably low figures till stock is reduced. Also surplus of Hydrangeas, Spireas, Currants, etc. Write for prices (no printed list). Southern Vermont Nursery, North Bennington, Vt.

Gladioli, mixed, 80c per 100. Levant Cole, Battle Creek, Mich.

GLOXINIAS.

Gloxinia Hybrida Erecta Crassifolia. We still have on hand a few thousand of these, a grand collection of the finest sorts, all colors mixed, for only $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Gloxinias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliette, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

HARDY PLANTS.

Large stock of Coreopsis and Rudbeckia.

	100.	Doz.
Coreopsis Lanceolata Grandiflora, large clumps	$ 6.00	$0.75
Rudbeckia Golden Glow, strong division	4.00	.50
Lychnis Chalcedonica, strong clumps	10.00	1.25
Achillea, The Pearl	4.00	.60
Achillea Millefolium Roseum, strong division	4.00	.60
Digitalis, strong plants, 2 years	10.00	1.25
Rooted Honeysuckle	12.00	1.50

Cash with order, please.
W. G. EISELE, Florist, Box 100, West End, N.J.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Hardy [illegible] ornamental [illegible] specialties at J. Blaauw & Co.'s, the [illegible] nurseries, Boskoop, Holland. When [illegible] come and see us and inspect our [illegible] series. It will decidedly pay you [illegible] our railroad depot.

For special offer of hardy perennials, see display adv. in this issue. For a full and the most complete list offered in this country, see our current trade list, which was distributed March 20. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Hibiscus totus alba, hardy shrub, pure white, blooming from June until frost. One year plants, $2.00 doz. Clevia hybrids, fine imported flowering plants, $3.00, $4.00 and $5.00 doz. John G. Heinl & Son, Terre Haute, Ind.

Rhododendrons. We handle only the hardiest ironclad, tested sorts, and can offer fine plants, well budded, in perfect shape, 1½ to 2 ft. high, at $75.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

2000 Norway maples, 3 to 4 inches caliper and 14 to 15 feet in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants.
Edw. Gillett, Southwick, Mass.

25 elms, 6 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Sweet Williams, finest colors, strong plants, $1.00 per 100; $8.00 per 1,000. Samples free. I want some Storm King dahlias. S. J. Galloway, Eaton, Ohio.

Rudbeckia Golden Glow, 60c per 100; $5.00 per 1,000; 250 at 1,000 rate. Coreopsis Harvest Moon, strong seedlings, 50c per 100. C. G. Nanz, Owensboro, Ky.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Golden Glow, strong divisions, suitable for 4-in. pots, 40c per doz.; $3.00 per 100. Cash. Des Moines Plant Co., 513 38th St., Des Moines, Ia.

Dicentra spectabilis, field-grown, $55.00 per 1000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

See display adv. for list of hardy herbaceous plants at $5.00 per 100. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

1500 Dwarf Boxwood for sale at $1.00 and $2.00 per 100. Cash with order. John Kready, Mt. Joy, Lanc. Co., Pa.

2,000 good crowns of Golden Glow, field-grown, $2.00 per 100. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Rudbeckia Golden Glow, 500 good plants, $3.00 per 100. O. F. Searles, L. B. 288, Nashua, N. H.

HELIOTROPE.

Heliotrope, rooted cuttings, $1.25 a 100; $10.00 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, 2-in., strong, $1.50 per 100. C. G. Nanz, Owensboro, Ky.

HIBISCUS.

Hibiscus Crimson Eye, year old, from outside, fine plants, 50c per doz., $3.00 per 100. Des Moines Plant Co., 513 38th St., Des Moines, Ia.

Hibiscus, 10 sorts, extra fine, 3-in., $4.00 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangeas Thos. Hogg and Otaksa, 2-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

IVIES

3,000 English ivy, 4-in., 4 to 5 ft. long, $10.00 per 100; 25,000 rooted cuttings, $1.50 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

English ivies, 5-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

English Ivy. Fine, 3 to 4 feet long, in 4-in. pots, $15.00 per 100. Peter Wink, Ozone Park, L. I.

German and Kenilworth ivy, 60c per 100. Mrs. Griswold, Worthington, Ohio.

English ivy, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

LANTANAS.

Weeping lantanas, fine [illegible] es, 2½ in., $2.00 per 100. [illegible] Co., Springfield, Ohio.

Lantana, assorted [illegible] 100, $12.50 a 1,000. Cash. [illegible] Watertown, N. Y.

Lantanas, assorted. [illegible] Cash. G. W. Weatherby, [illegible] Mo.

LOBELIA.

Lobelia, dwarf or trailing, [illegible] and very bushy, $1.00 per [illegible] Amlacher, Long Branch, N. J.

Lobelia, rooted cuttings, [illegible] 000. Cash. Greene & Underhill, Watertown, N. Y.

Lobelia Crystal Palace Gem, 2½-in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

NASTURTIUM.

Nasturtiums, dwarf, also tall, 2½-in., $1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges. Per 100, 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, O.

ORCHIDS.

Closing out orchids. Well established, in first-class condition. Cattleya Labiata, Cattleya Trianae, and other leading varieties at reasonable prices. Mrs. P. B. Meissner, 442 Clarkson St., Flatbush, Brooklyn, N. Y.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

PALMS, ETC.

Palms for decorating and for growing on. My stock of palms is larger and in better condition than ever before. Entirely American-grown and free from insects or disease.

ARECA LUTESCENS.

	Inch pots.	Inches high.	Per 12.	Per 100.
1 plant	2	6-8	$ 1.00	$ 6.00
3 plants	4	15	3.00	25.00
3 plants	6	20	9.00	75.00
3 plants	6	24	12.00	100.00
			Each.	Per 12.
3 plants	8	30	$2.50	$30.00

KENTIA BELMOREANA.

Inch pots.	Leaves.	Inches high.	Per 12.	Per 100.
2½	3-4	8	$1.50	$12.00
3	4-5	10-12	3.00	25.00
4	5-6	15	4.50	35.00
5	5-6	20	9.00	75.00
			Each.	Per 12.
6	6	24	$1.25	$15.00
6	6-7	26-28	1.50	18.00

KENTIA FORSTERIANA.

Inch pots.	Leaves.	Inches high.	Per 12.	Per 100.
2½	4	8	$1.50	$12.00
3	4	12	2.50	20.00
4	4-5	15	4.00	35.00
			Each.	Per 12.
6	5	24-28	$1.00	$12.00
6	5-6	30	1.25	15.00
6	6	28-32	1.60	18.00
7	6-7	30-36	2.00	24.00

LATANIA BORBONICA.

Inch pots.	Leaves.	Inches high.	Per 12.
6	5-6	15-18	$ 9.00
6	6-8	20-24	12.00

JOSEPH HEACOCK, Wyncote, Pa.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 feet in h't and dia., 12 to 14 lvs., $24.00.
J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia, Pa.

Pandanus Veitchii, 6-in. pots, 15 to 18 inches above pot, $1.00 each; 7-in., 20 inches above pot, $1.50 each; 8-in., 24 inches above pot, $2.00 each. John Welsh Young, Germantown, Phila., Pa.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

PALMS—Continued.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height. Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	.....	$1.50	$12.00
3	10 to 12	4 to 5	.....	3.00	25.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	5 to 7	.75	7.20	60.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height. Inches.	Leaves.	Each.	Per Doz.	100.
2½	8 to 9	3 to 4	.....	$1.50	$12.00
3	10 to 12	4 to 5	.....	3.00	25.00
3½	12 to 14	5 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
6	28 to 30	5 to 6	1.25	15.00	125.00

LATANIA BORBONICA.

Pot.	Height. Inches.	Leaves.	Each.	Doz.	100.
2½	..	3	.....	$1.50	$5.00
3	12	5 to 6	.....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1.50	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
5	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2½	5 to 6	2 plants in pot	.....	$1.00	$8.00
2½	6 to 7	3 plants in pot	.....	2.00	15.00
4	13 to 20	3 plants in pot	$0.25	3.00	25.00
6	..	5 plants in pot	1.00	9.00	60.00

PHOENIX RECLINATA.

Pot.	Leaves.	Dozen.	100.
3	4 to 6	$1.50	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per dozen; $10.00 per 100.

ASPIDISTRA LURIDA.

Pot.	Height. Inches.	Leaves.	Each.	Doz.
6	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$ 0.75	$ 5.00
Utilis	3	2.00	15.00

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.50 each.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1637 Buckingham Place, CHICAGO.

PALM BARGAIN.

To clean up for alterations. Will offer at following prices for cash with order. Fine, clean stock:

250 6-inch Arecas, 3 in a pot, $6.00 per doz.; $40.00 per 100.

200 Latanas, 6-inch pots, $4.75 per doz.; $35.00 per 100.

75 Arecas, 7 inch, 3 in a pot, 75 cts. each; $5.50 per doz.

1,000 Kentia Belmoreana, 5-inch pots, $3.50 per doz.; $25.00 per 100.

Louis Burk, Fishers Lane, above Wyoming Ave., Philadelphia, Pa.

Fresh seeds of Kentias Belmoreana and Forsteriana at $4.50 per 1,000, 5,000 and up, $4.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

LATANIA BORBONICA. 20,000 cheap for cash. Inch. Inches No. Price Per Per Per
Inch. Inches. leaves. each. doz. 100.
3 3 to 10 3 to 4 $0.05 $0.45 $ 4.00 $ 38.00
4 8 to 18 3 to 5 .15 1.20 10.00 95.00
6 18 to 20 4 to 6 .28 2.70 26.00 250.00
6 20 to 22 5 to 6 .45 4.00 38.00 350.00
7 22 to 28 5 to 6 .75 6.50 65.00 .....

3 plants in 8-in. pots, 24 to 27 inches high, 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.

W. J. HESSER, PLATSMOUTH, NEB.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Sons, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted right wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000.

SEEDLINGS, not transplanted, $2.00 per 1,000. H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine young pansy plants of the Jennings' strain, in bloom, $1.50 to $2.00 per 100. Strong young plants, to transplant, $1.00 per 100; these are not overgrown, but are outdoor plants and will not suffer by shipping. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Pansies, $4.00 per 1,000 by exp., 60c per 100 by mail. From seed bed of fall-sown, choice selected seed. Wm. C. Jennison, Natick, Mass.

Pansies. Choice plants, $1.00 per 100, small plants, 50c per 100. Martinsville Floral Co., Nixon H. Gano, Mgr., Martinsville, Ind.

Strong pansy plants, from cold frame, in bud and bloom, $1.50 per 100; $14.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Pansy plants, $1.00 per 100; small seedlings, 50c per 100; $2.00 per 1,000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Choice pansy plants, 75c per 100 by mail; $4.00 per 1,000 by express. Harry White, New Holland, Ohio.

Pansy plants, 20 leaves, fine, $1.50 per 100; $10.00 per 1000. Cash. Morris Floral Co., Morris, Ill.

Best pansy in the market, $2.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

Pansies, Giant Mixture, 2-in., $1.50 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

PELARGONIUMS.

Pelargoniums, 100 named varieties 3-in., $6.00 per 100. Cash. S. D. Brant, Clay Center, Kan.

PETUNIAS.

Double white petunias, 2½-in., $2.50 per 100; all strong plants in bud and bloom, the best double pure white and just right to pot up or plant out. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Petunias, white, pink, purple and blotched, rooted cuttings, $1.00 per 100; $9.00 per 1,000; strong 2½-in., $1.75 per 100; $15.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Petunias Single Giant of California, 2½-in., ready to shift, $2.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Petunias, single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias, Double fringed, $2.00 per 100. C. L. Reese, Springfield, Ohio.

PLANT LISTS.

SPECIAL TRADE LIST.

Alyssum, Double Giant, 2½-in. pots, $3.00 per 100.

Ageratum, Princess Victoria Louise, new, 2½-in. pots, $2.00 per 100.

Ageratum, Princess Pauline, 2-in. pots, $3.00 per 100.

Ageratum, dwarf, dark blue, 2-in. pots, $3.00 per 100.

Clematis, large flowering varieties, 2 years old, $4.00 per 100.

Clematis Paniculata, 2 years old, 4-in. pots, $10.00 per 100.

Clematis Paniculata, 1 year old, 3-in. pots, $5.00 per 100.

Carnation, Ethel Crocker, well-established plants from pots, $2.00 per 100; $15.00 per 1,000.

Carnations, Eldorado and Wm. Scott, well established plants from pots, $1.50 per 100; $10.00 per 1,000.

Geranium, America, the best single light pink, 3-in. pots, $8.00 per 100.

Geranium, Mars and La Pilot, 2-in. pots, $3.00 per 100.

Lobella, Pumila Splendens, new, dark blue, white eye, 2-in. pots, $4.00 per 100.

Lobella, Emperor William, 2½-in. pots, $3.00 per 100.

Forget-Me-Not Palustris, Pheasant's Eye. This is an improved summer flowering Forget-me-not. Plumps, $4.00 per 100.

Periwinkle, variegated, 2½-in. pots, $3.00 per 100.

Passiflora Coerulea, 2-in. pots, $5.00 per 100.

Salvias, Splendens and Clara Bedman, 2½-in. pots, $3.00 per 100.

C. EISELE, 11th and Jefferson Sts., Philadelphia, Pa.

CANNAS—Mme. Crozy, Alphonse Bouvier, Florence Vaughan, from 3-in. pots, 15 in. high, $5.00 per 100.

Ageratum, Princess Pauline, 2½-in. pots, ready for shift into fours, $3.00 per 100.

Geraniums, leading varieties, 4-in. pots, $7.00 per 100; from 2½-in. pots, strong plants, $3.00 per 100.

Begonia Vernon, 4-in., $10.00 per 100.

Vinca Variegata, 2½-in. pots, $3.00 per 100; 4-in., very fine, $10.00 per 100.

English Ivy, 3 in a pot, 14 to 18 in. high, $10 per 100.

Coleus, Golden Bedder and Verschaffelti, 2½-in. pots, $3.00 per 100.

Alternanthera, $2.50 per 100.

Cash or C. O. D. HENRY ENGLER,
4651 Lancaster Ave., Philadelphia, Pa.

Marguerite, Feastil and argentea-guttata begonias; Anthemis, dbl. yellow Daisies; Gymnocarpa, Dusty Miller; Salvia splendens and Eclipse abutilon at 40c per doz. or $2.50 per 100. Also Baby Primroses. Satisfaction guaranteed. J. W. Yates Plant Co., 22 West Liberty St., Springfield, Ohio.

FINE STOCK BARGAINS.

Alternantheras, red and yellow, 2¼-in., $2.00 per 100.

Acalyphas marginata and triumphans, 2¼-in., $2.00 per 100.

Boston sword ferns, 5-in., $2.50 per doz., $17.50 per 100.

Carnations—Portia, fall stock, 2½-in., $2.25 per 100; Portia, Evelina, Genesee and Daybreak, from flats, transplanted, clean, stocky plants, strain in early to winter, $2.00 per 100, $22.00 per 1000.

Chrysanthemum Black Hawk, 2¼-in., $2.00 per 100.

Clerodendron, stock plants, 4-in., $1.25 per doz., $8.00 per 100.

Cuttings Jackmanni, Lilacina, Grandiflora, Baron Veillard, Gipsy Queen, Duchess of Edinburgh and Beauty, strong, 2-year-old dormant plants, fine condition, $3.50 per doz., $25.00 per 100.

Cyclamen, p. g., mixed colors, from flats, transplanted, ready for potting, $2.00 per 100, $17.50 per 1000.

Dracaena indivisa, 2¼-in., fine plants, need repotting at once, $2.50 per 100. Dracaena Godseffiana, 3-in., $1.50 per doz.

Fuchsia speciosa, 2¼-in., $2.25 per 100.

Gaillardia grandiflora, 2¼-in., $2.25 per 100.

Grevillea robusta, strong, stocky plants, from flats, transplanted, $1.75 per 100.

Justicia velutina, 2½-in., $2.50 per 100; Justicia coccinea, 2½-in., $2.50; 2-in., $1.50 per 100.

Mexican primrose, 2¼-in., $2.00 per 100.

Maranta Massangeana, 2¼-in., $3.50 per 100.

Pteris Cretica albo lineata, 2¼-in., $2.50 per 100.

Umbrella plants, extra strong, 2¼-in., $2.00 per 100.

Sansevieria zeylanica, 3-in., 75c per doz.

Pansy plants, fine stocky September plants from the best strain, German seed, 75c per 100, $5.00 per 1000.

SUMMER FLOWERING BULBS.

Begonias, tuberous rooted, single, 4 separate colors, $2.00 per 100; double, 4 separate colors, $4.00 per 100; mixed, 4 separate colors, $2.50 per 100.

Dahlias, splendid, double, mixed, large field-grown clumps, not divided, 75c per doz., $4.50 per 100.

Calla, spotted, very large bulbs, $2.50 per 100.

Gladioli, fine, mixed, large bulbs, 75c per 100, $6.00 per 1000.

ROSE HILL GREENHOUSES,
ROSE HILL, N. Y.

ROSES, BEDDING PLANTS, ETC. Per 100
Hybrid Perpetual Roses, choicest varieties ..... $ 3.00
Monthly Roses, best kinds 2.50
Climbing Roses, finest varieties 2.50
Geraniums, fine, 3-in., $3.00; 4-in.... 6.00
Carnations, good kinds, $2.00 to 4.00
Asparagus P. Nanus, 3-in., $5.00; 4-in..... 12.00
" sprengeri, $3.00 to 6.00
Cannas, all good sorts, 3 and 4-in 4.00
Chrysanthemums, assorted 2.50
Dahlias, dry roots, assorted 6.00
Coleus, best kinds 2.00
Fuchsias, assorted, 2 and 3-in..... 3.00
Phoenix Canariensis and Reclinata, 4-in., $15.00; 5-in. 20.00
Pelargoniums, 3-in. 6.00
Paeonies, fine stock. Write for prices.
Verbenas, named sorts..... 2.00
Vincas, green and variegated; 3-in., $6.00; 4-in. 10.00
Alternantheras, Aurea Nana and P. Major 2.00
Alyssum, double Tom Thumb and large double white 2.00
Ampelopsis Royall and Veitchii..... 2.00
Asters, best mixed 1.50
Calla Lillies; 3-in., $4.00; 4-in., $8.00; 5-in... 15.00
Dracaena Indivisa; 4-in., $10.00; 5-in..... 14.00
Feverfew Little Gem 2.00
Gladiolus 1.50
Heliotrope 2.00
Hydrangea Hortensis; 2-in., $4.00; 4-in..... 8.00
Lantanas, assorted, named kinds..... 2.50
Lobella 2.50
Pansies, best mixed..... 1.50
Ferns, Adiantum Cuneatum; 3-in., $3.00; 4-in., $5.00; fine large clumps from the bench 7.00
Boston Ferns; 3-in., $5.00; 4-in., $10.00; 5-in 20.00
Selaginellas, two kinds, 3-in..... 3.00
Cyperus Alt.; 3-in., $3.00; 4-in..... 5.00
Anthemis Canariensis 3.00
Dusty Miller, two kinds 2.00

Write for complete list of plants, with varieties. WILLIAMS & SONS CO., Batavia, Ill.

	Per 100
Coleus, Rainbow, Firebrand, Verschaffelti, Golden Bedder, Victoria and others, 2½-in.....	$2.00
Tradescantia Quadricolor, fine, 3-in.....	4.00
Ageratum Stella Gurney, and many	3.00
Lobella Kaiser Wilhelm and Crystal Palace, 3-in.....	3.00
Parisian Daisy, yellow and white, 2½-in.	2.50
Scarlet Sage Clara, Bedman, 3-in.....	3.00
Fuchsia Elm City, Schneewittchen and others, 3-in.....	8.00
Vinca Variegata, 3-in.....	3.50
Chrysanthemums, Merry Monarch, Merry Christmas, J. E. Lager, Niveus and many best varieties, 2½-in.....	2.00
Primula Forbesii, 2-in.....	3.00
Jasminum Grandiflorum, 3-in.; Allamanda Williamsii, 2-in.; Acalypha Marginata, 2¼-in., 75c per doz. Cash with order. John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.	

Decorative and flowering [illegible] for spring and summer seasons.

Boxwood (Pyramids), from [illegible], $3.00, $4.00 and $5.00 a pair. Also [illegible] Boxwood, stem about 3 feet high, $3.00, $4.00 and $5.00 a pair.

Crown Bay Trees, $15.00, $20.00, [illegible] and $30.00 a pair.

Kentias, all sizes. Latanias, [illegible] to $2.00 each. Arecas, 3 in a pot, $4.00 per doz. Rubbers, 3 feet high, $6.00 per doz. Araucaria Excelsa, $1.00, $1.25 and $1.50 each. Araucaria Robusta, $3.00 up to $5.00 each. Araucaria Glauca, $2.00 up to $4.00 each.

Oranges. Bushy plants, $1.00 to $1.50 each; 3 to 6 fruits each.

Hydrangeas, in pots, $50.00, $75.00, $100.00 per 100, for lawns, etc., in bud. Also some in bloom now.

Boston Ferns, 50c., $1.00, $1.50 and $2.00 each, fine plants.

CUT FLOWERS.

Valley, selected, $3.00 per 100, first size, $2.00 per 100. Very fine flowers. Can supply all the year around.

A. SCHULTHEIS, P. O. Box 78, Queens Bor., N. Y., College Point, L. I.

EXTRA STRONG, HEALTHY STOCK.

Petunias, single Giant of California, bushy, 3-in., $3.00 per 100.

Vinca Variegata, 4-in., $6.00; 2-in., $2.00 per 100.

Lobelia, trailing, and Ageratum, blue Perfection, 2½ in., $1.50 per 100.

Ivy Geraniums, 8 best varieties, mixed, in bud, 4, 3 and 2-in., $6.00, $4.00 and $2.00 per 100.

Heliotrope, 3-in., bushy, in bloom, $4.00 per 100.

Geraniums, S. A. Nutt, A. Riccard, Poitevine, Double Grant, and White, strong, 4-in., in bud, $6.00 per 100.

Asparagus Sprengeri, 4-in., fine, $6.00 per 100. Cash, please.

Wanted in exchange, rooted cuttings of Coleus Verschaffeltii, Farquahar and Imperial Violets, Fuchsias, flowering Begonias, out of pots; must be strong and healthy. Mine is the same. WM. S. HERZOG, Morris Plains, N. J.

PRIMROSES.

Baby primroses, fine 2-in., $1.25 per 100, or will exchange for any stock I can use. New Springfield Floral Co., R. D. No. 3, Springfield, Ohio.

Primula chinensis, white and pink, 3-in., $6.00, 4-in., $10.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

POINSETTIAS.

Poinsettia pulcherrima, the favorite Christmas plant. Strong spring struck plants from 2½-in., $8.00 per 100. Ready June 15. Wm. Scott, Main and Balcom Sts., Buffalo, N. Y.

PRIVET.

CALIFORNIA PRIVET.	Per 1,000
One year, 10 to 15 inches	$ 8.00
One year, 15 to 18 inches	10.00
One year, 18 to 24 inches	13.00
Two year, 15 to 24 inches	25.00

Three yr., 4 to 6 ft., for screens, $6 per 100.
Vinca green trailing, Myrtle, $1.25 per 100.
ATLANTIC COAST NURSERIES, Office 606 4th Ave., Asbury Park, N. J.

PRIVET.	100.	1,000.
12 to 15 inches	$1.25	$10.00
15 to 18 inches	1.75	15.00
18 to 24 inches, finely branched	2.50	22.50

Elizabeth Nursery Co., Elizabeth, N. J.

PYRETHRUM.

Pyrethrum Little Gem, rooted cuttings, $1.50 per 100; $12.50 per 1,000; 2¼-in., $3.00; 3-in., $5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ROSES.

Two-year-old roses in full foliage, from 4-in. pots. Gruss an Teplitz, Pres. Carnot, Maman Cochet, Yellow Soupert, Beaute Inconstant, Perle des Jardins, Bride, Bridesmaid, Kaiserin, Meteor, C. Soupert, Hermosa, Marie Van Houtte, Mme. Jos. Schwartz, Duchess Brabant, Etoile de Lyon, Papa Gontier, Golden Gate, Wootton, Ch. de Noue, La France, White La France, Red La France, Triumph, Pernet Pere, Agrippina, Mme. Elie Lambert, Malmaison, Purple China, La Pactole, Crimson Rambler, at $10 per 100. Prince Camille de Rohan, M. P. Wilder, Paul Neyron, Mary Washington, at $12.00 per 100. American Beauty, at $16.00 per 100. Cash with order.
The National Plant Co., Dayton, Ohio.

A few thousand strictly first-class, 2-in., Meteor rose plants at $20.00 per 1,000. Maids, Brides, Perles and Gates, 2-in., $25.00 per 1,000. J. A. Budlong, 37 Randolph St., Chicago.

Roses. About 4,000 H. P., in boxes, which have been forced once, at $3.00 per 100. Cash. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Grafted stock, Brides, Bridesmaids, Kaiserins, Carnots, Perles and Meteors, $12.00 per 100. Own root stock, Brides, Bridesmaids, Kaiserins, Carnots, Meteors and Perles, by the 100, $30.00. Liberty, extra fine stock of grafted plants, $18.00 per 100. If you think Liberty is not worth growing, come and see my house of it and you will soon change your mind. Some extra strong plants of all kinds of grafted stock in 4-in. pots. Apply for prices. W. H. Elliott, Brighton, Mass.

ROSE PLANTS from 2½-in. pots. Liberty, $8.00 per 100, $75.00 per 1000; American Beauty, $6.00 per 100, $55.00 per 1000; Golden Gate, $3.00 per 100, $25.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1000.

Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG,
51 Wabash Ave., CHICAGO.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

36,000 Grafted Roses. On Manetti stocks. Bridesmaid, Bride, Golden Gate, Kaiserin, 2½-in. pots, $12.00 per 100, $95.00 per 1,000. Sunrise, $15.00 per 100. Liberty, $18.00 per 100. Orders booked now. Stock warranted first-class.
S. J. Reuter, Westerly, R. I.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

Roses, choice 3-in. plants ready for immediate planting. Per 100: Liberty, $18.00; Bridesmaid, Bride, Golden Gate, $12.00. 10 sample plants (to florists only) for $1.00. J. L. Dillon, Bloomsburg, Pa.

Roses. Gates, Maids, Brides, Meteors, 2½-in., $3.00 per 100; $25.00 per 1,000. Gates in 3-in., $5.00 per 100. Maids, Brides, Meteors, in 3-in., $4.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

Grafted roses, ready for 4-in. Per 100: Liberty, $18.00; Maids, Brides and Golden Gate, $12.00; Meteors and Brides, own roots, $3.00 per 100, $25.00 per 1,000. Chris. Hansen, St. Paul, Minn.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Roses. Bride, Bridesmaid, Golden Gate, $2.00 per 100. 125 Kaiserin, 4-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

American Beauty. Two-eyed cuttings, growing in 2½-in. pots, ready to shift, $6.00 per 100, $50.00 per 1000. Cole Bros., Peoria, Ill.

1,000 3-in. La France, intended for my own use, at $5.00 per 100; the 1,000 for $45.00. John Welsh Young, Germantown, Pa.

Bride rose plants, on own roots, 2¼-in., $3.00 per 100. J. Wm. Colflesh, 53rd and Woodland Ave., Phila., Pa.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

American Beauties. 3,500 in 2x2½ and 2½x3-in. Write Geo. A. Kuhl, Pekin, Ill.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

Rubber Plants. We offer a bargain in these. Having a considerable stock which we should like to move as quickly as possible, we can give exceedingly good value. 6-in. pots, 2 feet high, worth 75c each, for only $6.00 per doz.; 6-in. pots, 2½ to 3 ft. high, worth $1.00 each, only $9.00 per doz. These have large, perfect leaves right to the pot, and stock will be found to be first class in every respect. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 50c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Clara Bedman, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvia Clara Bedman, 3-in., $2.00 per 100. Cash. Morris Floral Co., Morris, Ill.

SAXIFRAGA.

Saxifraga sarmentosa for hanging baskets, [illegible] per 100. O. F. Searles, L. B. [illegible], Nashua, N. H.

SEEDS.

ASTER SEED.

We grow Aster Seed [illegible], [illegible] this year, which we will sell cheap, to [illegible] out, guaranteed [illegible].

[illegible] Comet, in 4 best [illegible] ... $0[illegible]
[illegible]
[illegible]
[illegible]anthemum ...
[illegible] above, mixed, [illegible]
[illegible] Boston, Giant [illegible]
[illegible] Plume, [illegible]
[illegible] ... .75
[illegible] BROS., 16-18 [illegible] Mkt., TORONTO, CANADA.

XXX seeds. Chinese primrose, large flowering, fringed, 15 varieties, single and double, [illegible] 500 seeds, $1.00; half pkt., 50c. Pansy, the best of the mammoth flowering varieties, [illegible] 4,000 seeds, $1.00, half pkt., 50c. Cineraria, large-flowering dwarf, [illegible], mixed, 1,000 seeds, 50c. John F. Rupp, Shiremanstown, Pa.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wardwell Dwarf Kidney Wax Beans, $4.50 per bushel. Fred H. Burdett, Clifton, N. Y.

SMILAX.

Smilax, from flats, [illegible] per 100; $2.50 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

Smilax, ready May 15, $1.25 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax from flats, 25c per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

STEVIA.

Stevia, per 100; 2½-in., $2.50; rooted cuttings, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia var., rooted cuttings, $1.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

VEGETABLE PLANTS.

Sweet Potato Plants sent safely anywhere by mail. Jersey Yellow, Jersey Red, Pierson and Red Bermuda, 60c per 100, or 200 for $1.00. Vineland Bush, Gen. Grant, Brazilian, Vineless Gold Coin and Early Golden, 75c per 100, all postpaid. Send for circular. F. S. Newcomb, Vineland, N. J.

Beauty and D. Champion tomato plants, in flats, 15c per 100; $1.25 per 1,000. 100 large pot-grown Lorillard plants at 3c each. Cash. Mrs. Griswold, Worthington, Ohio.

For cabbage, celery, egg, pepper, lettuce, beet and tomato plants see our display adv. R. Vincent, Jr., & Son, White Marsh, Md.

Cabbage and tomato, for transplanting, $1.25 per 1,000. W. D. Chase & Son, New London, Ohio.

VERBENAS.

Mammoth verbenas, extra large plants from flats, coming in bud, 60c per 100 by mail; $4.00 per 1,000; 2½-in., in large bud, $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, rooted cuttings, 75c per 100; lemon verbena, $1.50 per 100; $12.50 per 1,000; 2¼-in., $2.00 per 100; $17.50 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Verbenas, choice varieties in bud and bloom. Per 100: 3-in., $3.00; 2½-in., $2.00. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 20 grand varieties, strong 2¼-in. $1.25 per 100; $12.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Verbenas, best mammoth, 2½-in., ready for 3½-in., $2.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas from pots, $2.00 per 100, $18.00 per 1000. Cash. S. D. Brant, Clay Center, Kan.

Verbenas, 15 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Verbenas, 10 named kinds, $1.50 per 100. Morris Floral Co., Morris, Ill.

Verbenas, strong plants, $2.00 per 100.
Brockman & Co., Fort Smith, Ark.

VINCAS.

Vincas, green trailing, Myrtle, $1.25 per 100; $10.00 per 1,000. Euonymus Japonicus, green, 2½-in. pots, $2.50 per 100. For Prices see my ad under that heading. Cash with order. Atlantic Coast Nurseries, office 606 4th Ave., Asbury Park, N. J

Vinca major variegata, 2½-in., $5.00 a 100; 3-in., $8.00 a 100. No better stock can be purchased for the money; just right for spring filling. Strong field-grown clumps. Nathan Smith & Son, Adrian, Mich.

Vinca var. Vines 2 to 3 ft. long, $10.00 and $15.00 per 100. Good plants, but shorter vines, 2-in., $3.00; 3-in., $4.00; 3½-in., $6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Vinca variegated, trailing, 2½-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca vines, 2 varieties, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Periwinkle, 2½-in., $2.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

VIOLETS.

Well rooted runners, Lady Hume Campbell, Princess of Wales, California, 75c per 100, $5.00 per 1000. Swanley White, $1.00 per 100, $8.00 per 1000. Daisies, the two Giants, white and yellow, 75c per doz., $5.00 per 100, 2½-in. pots. Cash with order. Money order pay station, Eddington, Pa. P. M. DeWitt, Bridgewater, Bucks Co., Pa.

Healthy, well-rooted plants from sand of Lady Campbell now ready, 75c per 100; $5.00 per 1,000; 500 at 1,000 rates. Imperial, ready about May 15th, $1.00 per 100. These are young runners. Struck in sand, and not old plants divided. Will send only good stock. Chas. Black, Hightstown, N. J.

Violets. Rooted runners, strong, healthy stock. Marie Louise and Lady Campbell, rooted runners, 60 cts. per 100; $5.00 per 1,000. Cash with order. L. J. Barber & Son, Anacostia, D. C.

Marie Louise. A large stock of clean, healthy runners at $4.50 per 1000. Glass devoted entirely to Marie Louise violets. L. R. Lane, Babylon, L. I.

Marie Louise, March stock. Fine plants ready June 1st, $10.00 per M. Cash please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Velle & Son, Marlboro, N. Y.

Rooted cuttings and pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell. Crabb & Hunter, Grand Rapids, Mich.

Rooted runners of Marie Louise violets, from soil, 50c per 100, $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

Marie Louise, from soil, 60c per 100; $5.00 per 1,000. W. D. Chase & Son, New London, Ohio.

Lady Campbell, M. Louise, California, 50c per 100. E. G. Bunyar, Independence, Mo.

M. Louise violets, 2¼-in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

MISCELLANEOUS.

Cigar plants, Sedum variegatum and California moss, in 2½-in., $1.25 per 100. California ice plant, 2½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Pilea (artillery plant), $2.50 per 100. Cuphea (cigar plants), $2.00 per 100. C. L. Reese, Springfield, Ohio.

TO EXCHANGE.

To Exchange—200 Clematis paniculata valued at $3.00 per 100, to exchange for rooted cuttings or 2½-in. pot plants of Golden Bedder and Verschaffelti coleus or rooted cuttings of Ivory or Whilidin chrysanthemums. E. Wickersham & Co., Pottstown, Pa.

To Exchange—Fuchsias, 2½-in., $2.00 and Sweet Alyssum, dbl., $1.50 per 100, for rooted cuttings of coleus, alternantheras and lantanas. W. G. Haebich, Auburn, Ind.

To Exchange—600 Sprengeri and 500 geraniums, to exchange for rooted carnation cuttings of Daybreak, Joost, etc. Geo. Just, Jacksonville, Fla.

WANTED.

Wanted—500 to 1000 Happy Thought geranium plants or strong rooted cuttings. Any florist having any to offer please address The C. A. Reeser Co., Urbana, Ohio.

Wanted—I want 5,000 of the best white and dark purple aster plants, late varieties. Chas. A. Johnson, Limits Florist, 1317 No. Clark St., Chicago.

BASKETS.

Florists' baskets. Bamboo, rattan, oak, hickory, Diamond Market, verbena, etc., our specialty. The largest assortment of any manufacturer in this country. Write for prices and 1901 catalogue. Coles & Co., 109 and 111 Warren St., New York. Telephone 353 Cortlandt.

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Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schulz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Dagger ferns for Memorial Day. Our new crop of Dagger ferns is now ready and is of a No. 1 quality. $1.50 per 1,000 in quantities. Order early. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

Dagger ferns, new crop now ready, $1.50 per 1,000; discount on large orders. Princess Pine, $5.00 per 100 lbs. Laurel festooning, 4, 5 and 6c per yd. Laurel and pine wreaths, etc. Crowl Fern Co., Millington, Mass.

New crop fancy and Dagger ferns. Book orders now and insure a supply for Decoration Day. Price, $1.50 per 1,000; special price on large quantities. Caldwell The Woodsman Co., Evergreen, Ala.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pines, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

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Pure pulverized sheep manure and fine bone flour. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

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W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Fred Paul, 632 Race St., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer,

Harlan P. Kelsey,
110E Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, $1.50 per 1,000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.

John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 2069 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 149 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J.G.&A.Esler, Saddle River, N.J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.

Seaboard Dip Co., Chicago.

Pamphlet on the most effective methods of combating insect pests sent free on application. Address Adler Color & Chemical Works, 100 William St., New York.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y

Clipper Lawn Mower Co., Norristown, Pa

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers; best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey St., New York City.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.

A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., Incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 261-263 Herndon St. (near Wrightwood Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elvenagh Pottery Co., New Brighton, Pa.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Red pots. Jacobs & Landis, Colesburg, Ia.

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J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

REFRIGERATORS.

Send for illustrated catalogue and price list showing Florists' Refrigerators, Pumps, Hose, Sprayers, Tools, etc.

ORR & LOCKETT HARDWARE CO., 71 and 73 Randolph St., Chicago.

SHEET MOSS.

Sheet Moss, extra fancy select, $1.50; medium grade, $1.25 per barrel. Cash with order. Schmidt's Greenhouse, East Side, Toledo, O.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

The twenty-seventh biennial session of the American Pomological Society will be held in Buffalo Sept. 12 and 13 next.

Rochester, Minn.—The Queen City Greenhouses have been sold to Henry Roeger, of Chatfield.

ORANGE, N. J.

The regular monthly meeting of the New Jersey Floricultural Society was held at their rooms in Orange, Wednesday, May 1. The date of the society's fall show was fixed for November 12 at the Orange Armory. It was decided to admit all children free, charging ten cents for adults. Treasurer MacRorie reported donations of money for the special children's work from Messrs. John Crosby Brown, Richard Colgate and Mrs. John Burke, of Llewellyn Park, bringing the amount to sixty-five dollars to date.

Cash prizes were decided upon of from fifty cents to five dollars, amounting to twenty-seven dollars and fifty cents. Upon the treasurer stating that this might cause the amount to exceed the amount subscribed, the society authorized the executive committee to draw upon the treasury for any deficit caused by distribution of plants to the children. The application from the Orange Orphans' Home for permission to compete was favorably acted upon.

A committee consisting of George Smith, J. B. Davis, Malcolm MacRorie was appointed to frame resolutions expressing the sentiments of the society in regard to wanton destruction of trees by telephone and telegraph companies on our streets, with a view to quicken the street committees of the town council to a sense of their duties and to arouse public attention to the facts.

In the absence of speakers J. B. Davis displayed the colored plates of Brooke's folio work on the "Gardens of England." A spirited discussion upon the merits of English vs. Scotch landscape gardening followed. J. B. D.

WASHINGTON.

Business is at present very quiet, funeral work being about all that is doing aside from a few small weddings. Outdoor flowers are coming in, lilac being in its prime now.

O. A. C. Oehmler, whose store was destroyed by fire, has decided not to reopen same and is devoting his attention to shipping outdoor flowers north.

J. Louis Loose has leased a large store at corner of 13th and F streets and will be ready for the fall opening. He will have the finest stand in the city.

Lilies seem to be still a glut, with 75 cents a dozen signs hanging on them in the market.

The first pæonies came in Monday. The parks are getting in shape and the city in general looks fine. The only thing lacking is the society people, who are out of town.

From present indications Washington will be well represented at the S. A. F. meeting. G. I. C.

FLORISTS' SUPPLIES.

M. Rice, of the firm of M. Rice & Co., of Philadelphia, who sailed April 18 on the "Deutschland," the largest steamer afloat, being 687 feet long, has been heard from and the trade may look for some rich novelties this fall from this enterprising and growing firm.

MEMPHIS, TENN.—Miss Io Semmes has been appointed chief designer for the coming flower parade. She will give advice and assistance to those intending to enter decorated vehicles in the parade.

25,000 Vinca Var.

Vines 2 to 3 feet long, $10.00 and $15.00 per 100
3-inch, $4.00; 2-inch, $2.00 per 100

Good plants, but shorter

	Per 100	1000
10,600 Verbena Rooted Cuttings	$ .75	
5,000 Stevia	1.50	
20,000 Alternanthera, strong R. C.	.60	$5.00
25,000 Good Bedding Varieties	1.75	15.00
2,000 Double Yellow Marguerites	2.00	17.50
5,000 Fuchsia, double	1.50	12.50
5,000 Fuchsia, single	$1.25	$10.00
1,000 Alyssum		
1,000 Heliotrope	1.25	10.00
1,000 Lantana, assorted	1.50	12.50

	Per 100	1000
1,000 Lemon Verbena	$1.50	$12.50
1,000 Lobelia	.50	.60
1,000 Petunias, single	.75	6.00
5,000 Pyrethrum Little Gem	.50	12.50
3½-in., $3.00; 5-in., $5.00 per 100		
1,000 Salvia Clara Bedman, R. C.	1.25	10.00
1,000 Vinca Var., R. C.	.25	10.00
1,000 Verbenas, 2½-inch	.50	17.50
A Nutt Geranium, 2½-inch	.50	
1,000 Mme. Salleroi, R. C.	.25	10.00

For anything else look at our Ad May 2 and if you don't find it there write us.

Terms: Cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

Mention The Review when you write.

CLEVELAND.

Business seems to be very quiet with all the florists. The only decorations were the opening of the Scott's Dry Goods Company, the floral features of which were arranged for by Smith & Fetters, and the opening of a new carpet house, which made a good display of both plants and flowers; this was done by the Gasser Company. Another was an opening of fine carriages, and Mrs. Ella G. Wilson saw to the floral features.

We have to chronicle the passing of Peter Herke, the oldest florist in the city. He was 79 years old at the time of his death. The funeral was held at the home of his son, Fred Herke, last Thursday; interment was in Riverside cemetery. Mr. Herke was one of the old school florists, but of late years had not been in business.

The Florists' Club is meeting regularly and is gaining in interest and membership. Much interest is taken in bowling and the "free trip to Buffalo" prize is spurring the bowlers to do their best. W.

CHICAGO TO BUFFALO.

The Chicago Florists' Club has instructed the committee appointed to arrange for transportation to the convention of the Society of American Florists at Buffalo next August, to issue an announcement to the members and the trade in general that it hopes to secure especially advantageous terms and accommodations this year and that the larger the party the better the chances of securing the greatest consideration from the transportation lines.

The annual convention of the S. A. F. and the Pan-American Exposition combined will no doubt prove a great drawing card and the attendance will unquestionably be large.

If it could be known definitely in advance just about how many will compose the party from Chicago, so the committee could name an approximate number with some degree of certainty, it would materially strengthen them in their efforts to secure the largest possible concessions.

Will you therefore notify the committee—

First—Whether you are reasonably certain of attending the convention and intend traveling with the club's special party?

Second—Whether you hope to join the party but are uncertain of being able to do so?

Third—Whether you have made up your mind that you cannot attend this year?

Please address reply to any one of the committee as below.

G. L. GRANT,
324 Dearborn Street.
P. J. HAUSWIRTH,
225 Michigan Avenue.
E. F. WINTERSON,
45 Wabash Avenue.

Chicago, May 3, 1901.

"RETURNS SATISFACTORY."

That's what the Vick & Hill Co., Rochester, N. Y., report regarding their classified advs. in the REVIEW.

A GOOD DRUMMER.

The REVIEW is a good drummer. It sells plants quicker than any other trade paper we have in the country.—C. LAWRITZEN, Rhinebeck, N. Y.

BUCKLEY'S Special Spring Prices

100,000 Plants and Rooted Cuttings Ready to Ship.

GERANIUMS. Our superb collection consisting of the following high grade varieties, viz: to name, Brianti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Briant, La France, Mrs. J. M. Gaar and La Favorite. Strong rooted cuttings, well rooted, ready to the average 2¼-in. pot plant, $1.50 per 100, $14 per 1000. Rose Geraniums and Mme. Salleroi, strong 2¼-in., $2.00 per 100.

VERBENAS. The 20th Century Collection. New Mammoth, 20 grand varieties, including all the newest sorts, strong 2¼-in., $1.25 per 100, $12.00 per 1000.

ALYSSUM. California Giant for vases and baskets, and **Little Gem** for borders. Strong 2¼-in. $1.25 per 100, $12.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink, purple and blotched. Strong rooted cuttings, well rooted, $1.00 per 100, $8.00 per 1000. Strong 2¼-in., $1.75 per 100, $15 per 1000.

COLEUS. Our champion collection of 15 varieties, all bright colors and including only those of decided merit. Strong rooted cuttings, well rooted, 60c per 100, $5.00 per 1000. Golden Bedder and Verschaffeltii, 75c per 100, $6.00 per 1000.

PANSIES. Strong plants from cold frames grown from the finest seed in the market, in bud and bloom, $1.50 per 100, $14 00 per 1000.

CASH WITH ORDER.

The W. T. Buckley Plant Co., Springfield, Ill.

Mention The Review when you write.

KEEPING CUT HARDY FERNS.

Replying to "A Subscriber," the fronds are gathered when they are sufficiently "ripe," tied into bunches and stored in layers in a cool cellar, moistening be tween each layer. They keep still better in summer when in a cold storage warehouse.

SAN FRANCISCO, CAL.—The Pacific States Floral Congress will meet in this city May 14, 15 and 16. The scope of the congress embraces California, Oregon, Washington, Nevada and Arizona; and following its session there will be a three days' flower show, exhibiting the finest examples of floriculture in the states named.

"NOT MUCH!"

We couldn't get along here without the REVIEW, not much! F. E. BONHAM, Macomb, Ill.

MEMPHIS, TENN. The floral parade and battle of flowers takes place May 29 and promises to be the most elaborate ever seen in this city.

CLASSIFIED ADVS. O. K.

Please discontinue my adv. in REVIEW, as plants are all sold. The classified advs. are O. K.—HARVEY B. SNOW, Camden, N. J.

FERNS! FERNS! FERNS!

New Crop Fancy and Dagger Ferns. Begin moving May 15. Book orders now and insure a supply for Decoration Day. **Price $1.50 per 1000. Special quotations on large quantities.**

May 1st sees close of shipping season for Southern Wild Smilax. We resume again September 1st. Thanking you very much for past favors, and soliciting a continuance of your valued patronage, we are respectfully,

CALDWELL THE WOODSMAN CO., - - - EVERGREEN, ALA.

Mention The Review when you write.

KANSAS CITY, MO.

Trade Items.

Generally speaking, trade is not what might be expected at this season of the year. The sudden change of temperature Easter week, from a cold, raw "norther" to almost midsummer heat, and which apparently has come to stay, has had a demoralizing effect both on the cut flower trade and quality of stock. Surely, the growers ought to feel satisfied with the past winter's business; they were able to demand their own price, and there has been a steady demand for everything salable.

Cut flowers are more plentiful, with roses rather in oversupply. The best can be bought for $3 and $5 per 100. There are none too many carnations; they retail from 30 to 50 cents per dozen; violets were a favorite to the finish.

Ed. Bunyar and Alfred Broman, of Independence, Mo., had great success with a late crop of violets. A shipment received here as late as May 1 was of excellent quality.

We have had very little springlike weather and no rain in three weeks, which proved disastrous to early vegetation and outside bulbous stock. Last year the display of tulips on the "Paseo" was a glorious sight and attracted thousands of visitors, but this year the display is disappointing.

One of our enterprising department stores has been experimenting with the cut flower business since Easter. Large shipments of roses of an inferior grade were received daily and advertised as choice stock for 50 cents per dozen. A thriving business was done for a few days with the unsuspecting mortals both in and out of town, but the venture was short-lived. Some people are wiser, and the florist probably the most benefited in the outcome.

Visitors the past week were: A spruce looking young man, W. H. Danman by name, from Pleasant Hill, Mo., who was on his way to Colorado Springs to fill a position with Mr. Clark of that place; Wm. Wirt, of Parsons, Kan., who was looking for greenhouse material to increase his plant the coming summer, and a representative of the Dayton Paper Novelty Company, Dayton, O.

H. J. M.

ORANGEVILLE, MD.—W. H. Reinhardt has formed a partnership with his father and purchased greenhouses here. The firm name will be H. Reinhardt & Son.

BURLINGTON, IA.—N. J. Burt & Co. are coming into direct competition with the government. They have offered to give free any kind of garden seeds to any one who cannot afford to buy.

EVANSVILLE, IND.—The wife of Mr. J. D. Carmody died April 28 in a sanitarium at Chicago, where she had been taken to undergo a surgical operation. The remains were brought to this city and interred in Oak Hill cemetery. Mr. Carmody has the sympathy of all.

Poinsettia Pulcherrima.

The Favorite Christmas Plant.

STRONG SPRING STRUCK PLANTS, from 2½-inch pots, $8.00 per hundred. Ready June 15th.

These will make the largest plants. Later propagated will be equally as useful. Poinsettia will not endure any disturbance of the roots when large, so start with small healthy plants.

WILLIAM SCOTT, MAIN and BALCOM STREETS. **BUFFALO, N. Y.**

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.

Mention THE REVIEW when you write.

Burpee's Seeds Grow

SPRING STOCK.

Geraniums—S. A. Nutt, E. G. Hill, single and double Grant, A. Ricard, from 2½-in., $2.50, from 3-in., $3.50, from 3½-in., $4.00, from 4-in., $5.00 per 100. Petunias, single giants of California, from 2½-in., ready for a shift, $2.00 per 100. Verbenas, best mammoth, from 2½-in., ready for 3½-in., $2.00 per 100. Lobelia, dwarf and trailing, $2.00 per 100, from soil, very bushy, $1.00 per 100. Alyssum, dwarf, 2-in. pots, in bloom, $1.50 per 100. Cannas, best French variety, from soil, ready for 4-in., $5.50 per 100. Cash with order please.

JAS. AMBACHER, Long Branch, N. J.

...VIOLETS...

Orders booked now for Rooted Cuttings and Pot Plants of Imperial, Marie Louise, Farquhar, and Lady Campbell.

10,000 Crane, White Cloud and Flora Hill, from soil, at a bargain. Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

Mention The Review when you write

Mammoth Verbenas.

Extra large plants from flats coming in bud, 60c per 100 by mail, $4.00 per 1000. Verbenas, 2½-inch, in large bud, $1.25 per 100.

Geraniums, fine stout plants, well budded or in bloom, Red Bruant and Double Grant, 4-inch, $5.00 per 100. S. A. Nutt and La Favorite, $6.00 per 100. **Ageratum** Blue Beauty in bud, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention The Review when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

NEW RED CANNA

Ad. Dewey,

Extra large flower and truss on stout erect stems; color, bright orange scarlet and early, free and continuous bloomer. Strong started plants, $20.00 per 100.

Carnation Pot Plants—see classified list.

HARKETT'S FLORAL NURSERY, DUBUQUE, IOWA.

Mention The Review when you write.

SPECIAL IN.....

GERANIUMS.

10,000 4-inch. 5,000 3-inch.

5,000 2½-inch.

RED, WHITE, PINK and SALMON. Write—

GEO. A. KUHL, PEKIN, ILL.

Mention THE REVIEW when you write.

Holds Glass Firmly

See the Point

The Van Reyper Perfect Glazing Points are the best. No rights or infts. Box of 1000 points 75 cents, postpaid.

HENRY A. DREER, 714 Chestnut St., Phila., Pa.

THE REGAN ...PRINTING HOUSE...

Nursery.... Seed.... Florists'..

Catalogues

87-91 Plymouth Place, Chicago.

Mention THE REVIEW when you write.

Grafted Roses.

LIBERTY, $18.00 per 100.
BRIDESMAIDS, BRIDES, GOLDEN GATES, $12.00 per 100.

Choice plants, 3-inch pots, ready for immediate planting. Ten sample plants (to florists only) for $1.00.

Verbenas

Choice varieties in bud and bloom

3-inch pots .....$3.00 per 100.
2½ " ..... 2.00 "

NEW CARNATION

Queen Louise.

We have sold this season 75,000 disbudded long stem flowers of this great commercial White Carnation at the highest market price and have had only good reports from our customers and not one word of complaint from either commission men, florists or retail customers. You will have to grow this variety if you wish to compete with your neighbor. On our place it produces twice as many flowers as White Cloud or Flora Hill and is a better variety in every respect.

Rooted Cuttings,

$10.00 per 100, $75.00 per 1000.

J. L. DILLON

BLOOMSBURG, PA.

Mention THE REVIEW when you write.

New Roses

THE BALTIMORE (Certificated), color a light pink and of the largest size, flowers throughout the entire season. **$5.00** per doz.

ADMIRAL SCHLEY, the best crimson bedder ever introduced. **$3.00** per doz.

New Chrysanthemum Joseph W. Cook, scored 89 commercial points at Philadelphia. A light blush pink, stiff stems, blooms very early. **$2.50** per doz. Cash with the order. Send for descriptive slip.

JOHN COOK, 318 N. Charles Street, BALTIMORE, MD.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,
Publisher, Buffalo.

Mention THE REVIEW when you write.

PALMS FOR DECORATING and for GROWING ON.

My stock of Palms is larger and in better condition than ever before.

Entirely American-grown and free from insects and disease. They are of EXCEPTIONAL VALUE and cannot fail to give satisfaction.

	Per doz.	Per 100.
ARECA LUTESCENS.		
2 inch pot, 1 plant in pot, 6 to 8 inches high.....Per 1,000, $45.00	$1.00	$ 6.00
4 inch pot, 3 plants in pot, 15 inches high	3.00	25.00
6 inch pot, 3 plants in pot, 20 inches high	9.00	75.00
6 inch pot, 3 plants in pot, 24 inches high	12.00	100.00
	Each.	Per doz.
8 inch pot, 3 plants in pot, 30 inches high	$2.50	$30.00
KENTIA BELMOREANA.	Per doz.	Per 100.
2½ inch pot, 3 to 4 leaves, 8 inches high.....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 to 5 leaves, 10 to 12 inches high	3.00	25.00
4 inch pot, 5 to 6 leaves, 15 inches high	4.50	35.00
5 inch pot, 5 to 6 leaves, 20 inches high	9.00	75.00
	Each.	Per doz.
6 inch pot, 6 leaves, 24 inches high	$1.25	$15.00
6 inch pot, 6 to 7 leaves, 26 to 28 inches high	1.50	18.00
KENTIA FORSTERIANA.	Per doz.	Per 100.
2½ inch pot, 4 leaves, 8 inches high .....Per 1,000, $100.00	$1.50	$12.00
3 inch pot, 4 leaves, 12 inches high	2.50	20.00
4 inch pot, 4 to 5 leaves, 15 inches high	4.50	35.00
	Each.	Per doz.
6 inch pot, 5 leaves, 24 to 28 inches high	$1.00	$12.00
6 inch pot, 5 to 6 leaves, 30 inches high	1.25	15.00
6 inch pot, 6 leaves, 28 to 32 inches high	1.50	18.00
7 inch pot, 6 to 7 leaves, 30 to 36 inches high	2.00	24.00
LATANIA BORBONICA.		Per doz.
6 inch pot, 5 to 6 leaves, 15 to 18 inches high		$ 9.00
6 inch pot, 6 to 8 leaves, 20 to 24 inches high		12.00

JOSEPH HEACOCK, - - WYNCOTE, PA.

Mention THE REVIEW when you write.

PLANTS to CLOSE OUT

	Per 100
5,000 Geraniums, mixed, 2¼-in	$ 1.50
5,000 " New De Roo Mitting, 2¼-in., reduced to	10.00
1,000 " Jean Viaud, 3-in	10.00
1,000 Ageratum Princess Pauline, 3-in	2.00
2,000 Marguerites, white, 3-in	2.00
2,000 " 2¼-in	1.25
7,000 Cigar Plants, 2½-in	2.25
7,000 Sedum Variegatum, 2¼-in	1.25
5,000 California Moss, 2½-in	1.25
1,000 " Ice Plant (new), 2½-in	5.00
1,000 Vinca, Variegated Trailing, 2¼-in	2.00
1,000 Marie Louise Violets, 2¼-in	1.50
2,000 Salvia, Clara Bedman 4-in	2.00
10,000 Asparagus Plumosus Nanus, from flats	2.00
5,000 Geraniums, mixed, 3-in	5.00
15,000 Verbenas, 10 named kinds	1.50
1,000 Asparagus Sprengeri, 3½-in	5.00
2,000 Smilax, from flats	.25
5,000 Nasturtiums, dwarf, also tall, 2½-in	1.00
1,000 Dracaena Ind., strong, 4½-in	15.00
2,000 Lobelias, Crystal Palace Gem, 2½-in	1.50
10,000 Pansy Plants, 20 leaves, fine $10.00 per 1000	1.50

The above plants are A No. 1. (CASH.) 5 plants at 100 rate.

THE MORRIS FLORAL CO., Morris, Ill.

Mention The Review when you write.

One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazen, Jean Laher, Prediction, Jules Claretie, Apotheose, La Fraicheur, Cimarosa, Emanuel Arene, Manteau De Feu, Mme. Goyeau, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Viaud, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2½ and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink,** for **$2.50.** Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Hieraranthe, Nutt, Mme. Bruaot, W. H. Bailey, etc., at **$5.00** per hundred.

W. E. HALL, CLYDE, OHIO.

Mention THE REVIEW when you write.

Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.0 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

C. Merkel & Son, Mentor, Ohio.

Mention The Review when you write.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata, Gaillardia Grandiflora, Gypsophilia Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Albina, Lathyrus Latifolius. **$5.00** per 100. **Primula Veris and Aquilegia Chrysantha,** 2¼-in., **$2.00** per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, in 8 fine sorts; rooted cuttings, $1.25 per 100, postpaid. 2¼-in., $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 85 W. 12th St., Holland, Mich.**

Mention The Review when you write.

Beauty and D. Champion TOMATO PLANTS.

in flats, 15c per 100; $1.25 per 1000.
Smilax from flats, 30c per 100; $2.50 per 1000.
Asparagus P. Nanus from flats, $1.75 per 100; $15.00 per 1000. 100 large pot-grown **Lorillard Tomato Plants** left at 3c each. **German** and **Kenilworth Ivy,** 60c per 100.
Cash with order please.

MRS. GRISWOLD, Worthington, Ohio.

WHEN YOU WANT Engravings made

send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

Brinkerhoff & Barnett Engraving Co.

300-306 Dearborn St., CHICAGO.

EVERY FLORIST OUGHT TO INSURE HIS GLASS AGAINST **HAIL**

FOR PARTICULARS ADDRESS

JOHN G. ESLER, Sec'y, SADDLE RIVER, N. J.

Mention The Review when you write.

GALVESTON, TEXAS.

I am pleased to be able to report our trade as well as business in general good in this city. Our citizens have bravely recovered from the crushing effects of the terrible disaster our city suffered and one result has been the knitting together in closer relations of those who suffered together. In harmony we look up to those men of our city who in our days of darkness and doubt unselfishly took up the burden of leadership, pointing out the way, leading our people to their work and setting an example by working like slaves themselves. We were soon taught that the solution of our apparently unsolvable problem was hard work and the work has wrought wonders.

Of course there is more talk about oil now than flowers. Still our florist season was as fine as ever. It is almost over now, but the hardest work of the year is ahead of us, for during our hot summer we must get our stock in good shape again for fall business.

Our city is still "The Ocean City." A very few of the oleanders were killed by the storm and you can now see every variety of them in bloom on our sidewalks and in our gardens. Wistarias (especially the blue), pomegranates and Rhynchospermum jasminoides can be found on many places. Also crape myrtles, altheas and many other shrubs, as well as some oak and Umbrella-China trees stood the salt water. As a very usable green we miss the wild peaches very much; they were all killed. Take it all in all our city is looking neat and clean now and almost every family has a garden around the house.

We have a good society here and it was harmony here, too, that brought about the quick recovery and resumption of normal conditions. There is a good demand for flowers here and there are calls for every small occasion. The taste for floral arrangements is general and discriminating, too. One pleasure is that customers are quick to appreciate anything really good and up-to-date and are not only willing to pay a fair price but call in afterward to express their appreciation when they have been pleased. It makes life worth living to do business with such pleasant and appreciative people. Many a one who returned after the storm, probably with doubt as to the wisdom of remaining, could not resist the charms of the city and its society and are here again to stay. They all agree that Galveston is "all right" in spite of the memories of awful disaster.

I send a box of Kaiserin and Testout roses cut from two-year-old plants planted out in our garden in January. Insects, especially worms, are very bad this year. The salt water inundation seems to have agreed with them.

C. E.

[The roses, while showing the effect of their long journey, had kept remarkably well, for outdoor grown blooms, and were good, long-stemmed flowers. Ed.]

Toledo, O.—Henry Crane & Co. have just purchased 215 boxes of glass for their large new house and had to pay $3.60 a box. Last year they bought the same size and grade for $2.50 a box. They feel that the trust is taking too much advantage of the situation.

Woburn, Mass.—N. H. Cushing, a large grower of pansies, died of pneumonia April 28, aged 40 years.

ROSE PLANTS and Carnation Cuttings.

This stock is in fine condition and is sure to give satisfaction.

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty,	$8.00	$75.00	Bridesmaid,	$3.00	$25.00	Meteor,	$3.00	$25.00
Beauty,	6.00	55.00	Bride,	3.00	25.00	Golden Gate,	3.00	25.00

Perle, $3.00 per 100; $25.00 per 1000. Kaiserin, $3.00 per 100; $25.00 per 1000.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000		100	1000
Mrs. Leopold Ine	$7.00	$60.00	Mrs. Lawson	$6.00	$50.00	Argyle	$1.00	$9.00
Guardian Angel	4.00	35.00	Marquis	3.00	25.00	Evanston	1.00	9.00
Sunbeam	10.00	75.00	Genevieve Lord	3.00	25.00	Frances Joost	1.00	9.00
Bon Homme Richard	10.00	75.00	Crocker	2.50	20.00	Cerise Queen	1.00	9.00
Nydia	10.00	75.00	Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Prolifica	10.00	75.00	Mrs. Bradt	2.00	15.50	White Cloud	1.25	10.00
Irene	10.00	75.00	John Young	1.50	12.50			

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

ONLY A FEW THOUSAND LEFT.

QUALITY STRICTLY FIRST CLASS.

METEOR Rose Plants, 2-inch, $20.00 per 1000.

Brides, Maids, Perles and Gates,
2-inch, $25 per 1000.

J. A. BUDLONG, 37-39 Randolph St., **CHICAGO, ILL.**

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American Beauties

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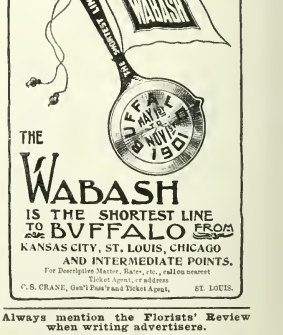

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Low Prices. Strong Stock From Soil

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Argyle	1.00	10.00
White Cloud	1.00	10.00
Mrs. Flatwes Joost	1.50	12.50
Gen. Maceo	1.50	15.00
G. H. Crane	2.00	20.00
Ethel Crocker	2.00	20.00
Mrs. Geo. M. Bradt	2.00	20.00
America	2.00	
Gold Nugget	2.00	20.00
Marquis	3.00	30.00
Genevieve Lord	2.00	20.00
Morning Glory	1.00	10.00
Olympia	1.00	10.00
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Estelle	2.50	20.00

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Norway	10.00	75.00
Gov. Roosevelt	10.00	75.00

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Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

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Mixed sorts, as fine as assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at **$5.00** per 100 and rooted cuttings at **$1.25** per 100 or **$10.00** per 1000. I have some ten thousand of these growing now and ready for sale.

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Mrs. Lawson, famous deep pink	6.00	50.00
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Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
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Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
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Maceo, dark crimson	2.00	15.00
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A few thousand ready for immediate delivery. All orders filled in strict rotation.

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750	" 101.25; 1000	" 120.00.	

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Intigeneliece	1.50	12.00
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Yellow Fitzwygram	2.00	15.00
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Modesto	2.00	15.00
Bonnaffon	2.00	15.00
Pennsylvania	2.00	15.00
Golden Wedding	2.50	20.00
Harry Hurrell	2.50	20.00
Rhonda	2.50	20.00
Yellow Jones	2.00	15.00
Eclipse Yell. Chad.		
wick	2.00	15.00
Yellow Mayflower	2.00	15.00
Yellow Queen	2.00	15.00
PINK.		
Marquis de Montmort	5.00	40.00

Pink.	Per 100	Per 1000
Grand Parade	$1.50	$12.00
Maud Dean	1.50	12.00
Perrin	1.50	12.00
Vivland Morel	1.50	12.00
Frow Smith	1.50	12.00
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Murdock	1.50	12.00
Autumn Glow	1.50	12.00
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Defender	1.50	12.00
Schrimpton	1.50	12.00
Childs	1.50	12.00
BRONZE.		
Lady Hanham	1.50	12.00
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	Per 100	Per 1000		Per 100
Gates	2½-in. $3.00	$25.00	3-in.	$5.00
Maids	3.00	25.00	"	4.50
Brides	3.00	25.00	"	4.50
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G. L. GRANT, EDITOR AND MANAGER.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,
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Send four cents in stamps for our circulars and catalogue.

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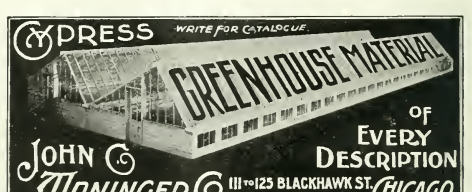

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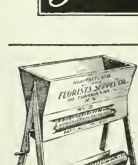

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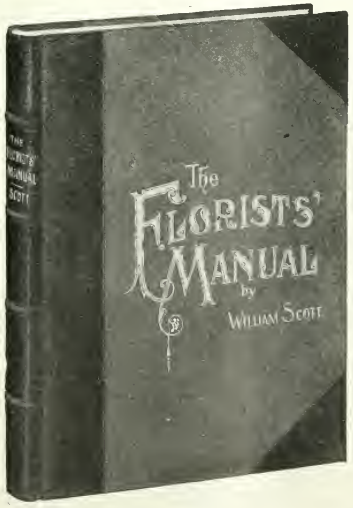

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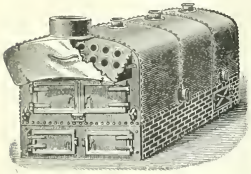

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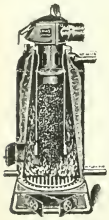

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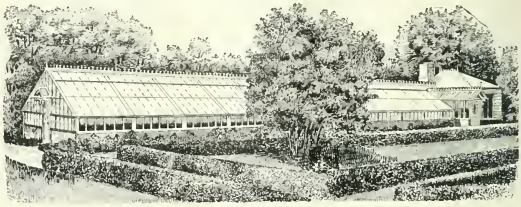

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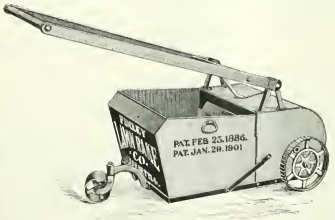

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THE WEEKLY
FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MAY 16, 1901. No. 181.

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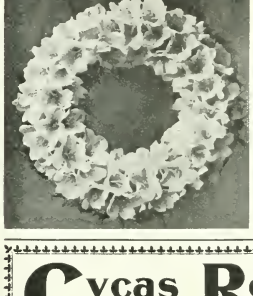

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PREVENTION vs. CURE.

By far the larger part of the progress made in the growing of plants and flowers has been due to the discovery of means of prevention of the action of unfavorable agencies rather than their removal or cure after once obtaining a foothold. The man who discovered that the fumes from sulphur painted on the heating pipes largely prevented the appearance of mildew in rose houses that were otherwise correctly handled really made the production of roses as carried on today a possibility, and he is entitled to a place alongside the man who found out that tobacco would keep greenfly in check.

Nowadays, instead of waiting for the appearance of certain destructive worms we endeavor to kill the adult insects that lay the eggs from which the worms are hatched, and the killing of one adult means the non-appearance of hundreds and sometimes thousands of worms. It is the same as regards fungous pests, and in all these cases the old adage that an ounce of prevention is worth a pound of cure applies with emphasis.

We anticipate great advances along these lines in the future. The way has been clearly pointed out and the wise will travel it as rapidly as possible. And in view of the serious damage frequently done to roses by the eel-worm, that microscopic imp of perdition, we feel sure that sterilizing the soil for rose houses is bound to become universal. It is merely a question of getting it done in the cheapest and most expeditious way.

To this end we reprint in this issue the record of the experiments carried on by the Hatch Experiment Station of the Massachusetts Agricultural College at Amherst, and some observations by others who have given the matter some thought and attention.

We are sure it will pay every grower of roses (especially those who use steam for heating and therefore have steam readily available) to use sterilized soil in at least one house the coming season and note the results compared with the roses in his other houses.

SOIL STERILIZATION.

[Some extracts from Bulletin No. 55 of the Hatch Experiment Station of the Massachusetts Agricultural College, Amherst.]

In our experiments relating to soil sterilization we have tried many methods and found the tile system as used by Galloway cheap, and satisfactory for many purposes, especially when we wish to sterilize the soil in the bed in which the crop is to be grown. Another advantage which it possesses is that it can be used for subirrigating purposes. To ascertain the best method of using tile we arranged them in beds of equal size containing the same amount of similarly prepared earth. The beds were 18 feet long, 30 inches wide and 1 foot deep, and each contained 45 cubic feet of soil suitable for growing cucumbers. Part of the soil had been used previously for cucumbers and tomatoes and was well infested with nematodes, and previous to sterilization it was mixed with fresh horse manure. The beds contained a different number of feet of pipe which were laid in various ways and in each case they were placed about 2 inches from the bottom.

For details concerning the manner of piping see the engraving. Bed (a) was piped with two lengths of tile without any end connection. Bed (b) was piped with three lengths of tile with end connections, thus forming a continuous circuit. Bed (c) was piped with two lengths of tile with end connections and cross tile every two feet. Bed (d) was piped with three lengths of tile as in (b). Each bed was treated separately from a four horse-power portable boiler having a pressure of steam varying from 40 to 80 pounds. The steam was conducted from the boiler through a ½-inch pipe provided with a valve, and this led into a 1-inch pipe which had a four-way connection, the ends of which were inserted into the free open ends of the tile. The connections were easily made with the boiler and when one bed was sterilized it was disconnected and the pipe attached to another bed. The steam was confined by means of boards placed over the top, although straw mats or blankets would have served the purpose better. The valve regulating the amount of steam from the boiler was never turned on more than half way, this being found sufficient to supply all the steam required, and it was, moreover, necessary in using so small a boiler in order to keep the pressure of steam high.

The results of these experiments are as follows:

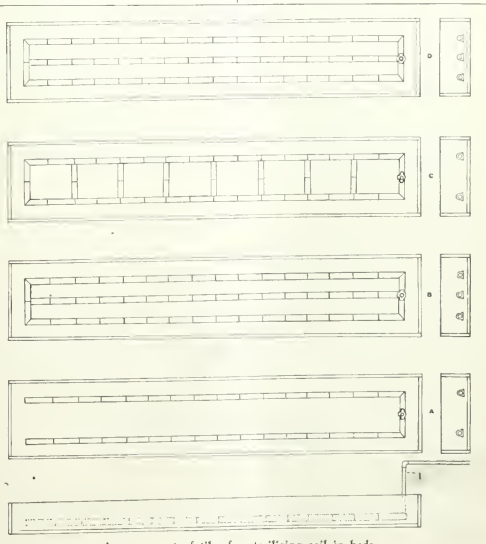
Bed (a) was heated to 204° F. in 1.15 hours.

Bed (b) was heated to 204° F. in 45 minutes.

Bed (c) was heated to 204° F. in 1 hour.

Bed (d) practically the same as (b).

These experiments show that bed (b) which was piped with three lengths of tile gave the best results, with bed (c) following, and the most unsatisfactory results were given by bed (a). Bed (d) gave practically the same relative results as (b). Bed (b) contained a few more feet of pipe than (c), and more than one-third more than (a), and for this reason alone it might be expected that the heating of the soil in the bed (b) would be more effective. There is another more important difference, however, and that is in the method in which the steam circulated. The cross tiles in (c) were not nearly as effective as the middle lengths in (b), neither would they have been even if they had contained the same linear feet. Bed (a) would have heated more effectually if there had been a continuous loop. Had the four beds been piped the same and all connected at once with a large boiler maintaining a high pressure of steam they could have been heated in two hours'



Arrangement of tiles for sterilizing soil in beds.

time. The tile which were employed for sterilizing were left in the soil, but in these experiments they were not used for subirrigation purposes. Should the soil, however, be removed and replaced by other soil it would be desirable to remove the tile, which can, however, be easily put back. We have tried many different methods of piping with variations in the pressure of steam and we will state that in order to get the cheapest and best results it is necessary to pay attention to two points, namely, that the higher the pressure of steam maintained, the quicker and more effectual are the results, and the greater the tile area in which the steam has to circulate the quicker it will find its way through the soil and accomplish the sterilization of the same. It is not only necessary that there should be a number of feet of pipe in the soil in order to successfully heat it, but the area of cross sections is equally important.

In regard to the cross section area of the pipe we will relate the results of one of our experiments in trying to sterilize a box of soil with ¾-inch lead pipe made up into a coil of four lengths. This coil had holes in it 2 inches apart and was placed in a box containing 16 cubic feet of earth, which was easily heated in one hour's time when three lengths of 2-inch tile were used and a pressure of 4 or 5 pounds of steam. With the small lead pipe it was found that it was impossible to heat the soil after running it for a number of hours. The method just described is especially adapted to sterilizing soil in the bed where it is subsequently to be used in growing some greenhouse crop subject to nematodes. It should be stated, however, that certain beds are more suitable for this purpose than others. Soil can be more effectually heated in a narrow bed than in a wide one. Many of our cucumber growers raise their plants in a bed 15 or 18 inches wide, 8 to 12 inches deep, and 50 to 100 feet or more in length. Beds approximating these dimensions could be easily heated in a short time at little expense, and in a cucumber house it would be most desirable to construct them after this manner. Not unfrequently, however, cucumber houses are not provided with benches, but the vines are grown directly in the ground soil. In this case should sterilizing become necessary, the earth in which the plants are growing can be separated from the remaining soil by means of 12-inch boards or plank and this bed of earth can be tiled and then treated. The boards or plank arranged in this manner restrict the amount of soil to be treated and prevent contamination from the untreated. In case pots are used, as frequently happens in tomato culture, the earth can be sterilized in a special bed or the pots containing the earth can be placed in a tight box and sterilized, although this latter method is not so practical, as pots take up more room than soil placed in a bed.

For sterilizing small quantities of earth we make use of an ordinary small house boiler which heats our laboratory and seldom indicates more than 3 or 4 pounds pressure of steam. This is connected with a box containing 15 cubic feet of earth, in the bottom of which is buried three lengths of tile supplied with steam from the boiler. With a pressure of 3 or 4 pounds of steam the box can be easily heated to 212 degrees F. in one hour's time and this amount of earth will fill about fifty 10-inch pots. A small bed of this description would be exceedingly convenient for florists in sterilizing earth for such pot plants as cyclamens, etc.

The method of ridding the soil of nematodes where such plants as cucumbers, tomatoes, etc., are sown and where the crop is obtained from the seed offers fewer obstacles than such plants as violets, where transplanting is accomplished by separation, as the latter process necessarily includes taking some of the old soil with the plant. If the violet plants are affected with nematodes it must be clear that the separating and transplanting of the plant into new soil would infest it whether sterilized or not, and result in a crop of sickly plants covered with leaf spots and few flowers. The only method which can be employed at present to control this trouble would be to start cuttings of the violet in sterilized earth, and when the cuttings were ready to transplant to place them either out of doors in some newly turned up land, or land which had not been contaminated with nematode infected manure, or else into earth in the greenhouses which has previously been sterilized.

The manner in which roses are propagated also gives rise to similar obstacles in regard to nematode infection. If the same care is taken in regard to contamination as in violets the nematode problem is one which need give no alarm. Some rose growers in Massachusetts have never been troubled with nematodes. Mr. Montgomery, who possesses considerable skill, knowledge and experience in rose growing, and who has charge of the extensive Waban conservatory at Natick, informs us that they have never been troubled with nematodes upon their roses. They make a practice of using soil composted with cow manure, which is allowed to remain out over winter. There is no doubt that owing to this method of preparing the soil they are able to keep nematodes in check.

Cost of Sterilization.

The expense of sterilizing the soil will largely depend upon one's equipment and the conditions under which it has to be done. If one has a large steam boiler which he uses for heating his houses, then the necessary expenses involved would not be very great. The expense of purchasing tile or steam pipe, if one happens to use such, which in the latter instance would have to be drilled and connected, would be the heaviest to bear. We prefer tile to steam pipe and think they are fully as effective, and then, again, they can be used for subirrigation purposes, a practice which, according to those who have experimented with it, gives beneficial results. On the other hand, if one had to purchase a steam boiler, together with the tile, the first expense might be of some account. The 2-inch tile, however, cost about one cent each, or purchased in quantities somewhat less, and are slightly over one foot in length, and a second-hand steam boiler of 6 or 8 horse-power, giving a pressure of steam equal to 40 or 80 pounds, can be purchased for about $50 or $60, and would answer the purpose for most greenhouse growers. Larger boilers would be better, as they carry more water, a necessary feature in this kind of work, inasmuch as there is considerable water used up in heating owing to the condensation of the steam. The soil in a bench 12 inches deep, 15 inches wide and 80 feet long, or, in other words, 100 cubic feet of soil, in which were placed two lengths of tile 2 or 3 inches from the bottom, could be easily heated in one and one-half to two hours' time. The tile in such a bed, we will say, costs $1.75, and the extra expense for coal would be unimportant. Some further idea of the expense of heating the soil can be obtained from the amount of soil employed and the time required to heat it to 212 degrees F., as ascertained by Galloway and others. According to Galloway, he succeeded in heating about 72 cubic feet of earth in two hours' time. Lodder's beds evidently contained 480 cubic feet of soil, which he heated in three hours, while Rudd's beds contained 600 cubic feet, which he heated in two hours, and, according to Mr. May, he heats 112 cubic feet in one and one-half hours.

Effects of Heating the Soil on the Growth of the Crop.

In the numerous crops of cucumbers, tomatoes and lettuce which we have grown in sterilized earth we have never noticed anything of a detrimental nature, but, on the other hand, a decidedly beneficial effect as the result of sterilization. Not only is this shown in the difference in color which the plants take on, but in an appreciable acceleration of their growth. We have repeatedly run parallel cultures of sterilized and unsterilized soil and have invariably noticed these effects on cucumbers and lettuce. It has long been known among practical gardeners that heating the soil produces beneficial results. Every greenhouse soil contains humus or vegetable mold, and it is recognized by vegetable physiologists that the presence of humus in the soil plays an important part in assimilation and plant growth, but its efficiency depends partly upon the stage of decomposition at which it has arrived. It has been shown by experiments in which plants are treated in one case with humus in the raw condition, and in the other with humus which had been subjected to the action of steam for several hours at a temperature of 212 degrees F., that there is considerable difference in the yield of the crop. It has been found that the same quantity of soil, after the action of heat, yields a crop many times in excess of the former or untreated soil. In other words, by heating we convert the humus compounds in the soil into a more available form for the utilization of the plant. That the heating of the soil gives rise to some changes is shown by its darker color and more porous condition, and it is undoubtedly due to these changes which have taken place in the humus compounds which account for the accelerated and vigorous growth of the plants. Another feature which is characteristic of sterilized soils is the unusual occurrence of humus loving plants, or saprophyds, that grow upon it, which is a good indication that the organic matter contained in the soil has undergone changes through the action of the heat. We have ourselves observed more than once certain species of saprophytic fungi growing upon our steamed beds which have never shown any tendency to grow on unheated soil, although, with the exception of being steamed, the soil was exactly the same as that upon which they never appeared.

Wreath Sent to the Funeral of Queen Victoria by Mrs. Garfield.

Effects of Heating the Soil Upon Other Greenhouse Pests.

Besides the destruction of nematode worms, and the gaining of robust and vigorous plants which steaming the soil gives rise to, there are other beneficial effects worthy of being taken into consideration. Many of the fungous and insect pests to which our greenhouse plants are subject find their normal habitat in the soil. In our experiments upon heating the soil in the beds we killed thousands of red spiders, and we presume that we did the same with the cucumber aphis, or with the eggs, as we were remarkably free from them, although the soil had previously been used for cucumber crops, which were badly contaminated with aphis. This latter statement, however, in regard to killing the aphis, is nothing more than a conjecture, as entomologists tell us that they do not know where the aphis breeds, but they surmise that it breeds upon particles of organic matter in the soil or upon the old cucumber vines thrown out upon the compost heap. The soil undoubtedly harbors many of the spores of the mildews which are common to cucumbers, tomatoes and lettuce.

One of the most common and troublesome diseases to young cucumbers is the so-called "damping fungus," Pythium De Baryanum, which attacks the young plants at the surface of the ground and causes them to wilt and collapse. We have repeatedly found as a result of heating that this did not make its appearance when they were subjected to a temperature which was over 140 or 150 degrees F.; when, however, the temperature went below these points the fungus appeared to be accelerated in its growth and development and damping was more likely to show itself than in normal pots. This fungus must be distinguished from the ordinary "damping fungus" (Botrytis) which attacks begonia cuttings, etc., in the propagating pit. Sterilizing the soil for this fungus would be of no account, as the spores (conidia) of this species are everywhere and only await a favorable opportunity to germinate and develop themselves, whereas with the Pythium the conditions of dissemination are much more restricted. What is true in regard to the Botrytis is probably true in regard to some of the mildews, as there is no reason to doubt that the spores can thrive in the house for some time without coming in contact with the host, although sterilizing the soil would undoubtedly kill many of them. The so-called "drop" in the lettuce which is caused by a facutative parasite, a species of Botrytis, is also completely controlled by sterilization. This fungus causes no end of trouble to some lettuce growers and is confined entirely to the soil where it propagates only by means of its mycelium, but it frequently becomes disseminated from one part of the house to the other by means of the gardener's tools. Sterilizing the soil has also an effect upon

the weed and grass seeds which constitute more or less of a nuisance in a house. The difference between a heated bed and one that is not heated is very marked indeed in this respect. In the beds which were heated at 204 degrees F. there were no weeds or grass seeds to trouble us and the only things appearing were one or two clover plants. The seeds of the clover appear to be more resistant than other seeds and their presence can be accounted for probably by the fact that the temperature at certain points did not quite reach 204 degrees F. In the beds that were not heated we hoed under a number of crops of weeds as the horse manure which was mixed with our soil was largely contaminated with seeds.

Notes From Other Stations.

Florists should not be led by the article on sterilization of soil in your issue of May 2 to believe that sterilizing the soil will keep it entirely free of nematodes and other soil pests, such as fungi and some species of insects. Some plants, such as begonias, ferns and some geraniums, have their stems and leaves infested with nematodes, and heating the soil would have no effect whatever upon these, even though the cuttings were started in the sterilized soil. In the case of plants which have simply their roots infested with nematodes care must be exercised to grow these, if propagated from cuttings, in sterilized soil. Transplanting them from infested soil to sterilized soil will not help matters. In the case of insects, as well as with nematodes, they are liable to be carried from the field to the benches upon plants grown out of doors. All the above conditions apply to fungi as well, hence heating the soil with the idea of keeping the plants free from insects and fungous troubles is applicable only to plants grown from seed.

The statement that heating the soil will thoroughly renovate it must be considered merely an assumption and should be thoroughly tested before being put into general practice. It is undoubtedly true that sterilizing the soil by means of steam makes the plant food contained in the soil more soluble; at the same time it puts the plant food into condition to be carried away more rapidly by means of water. Furthermore, it has long been considered a bad practice to grow plants a long time in the same soil, no matter what its condition as to fertility.

Notwithstanding the fact that sterilizing the soil by means of steam has proven itself an excellent method not only of keeping plants grown from seed free from nematodes, but also free of "damping off" fungi and "stem-rot," it should be remembered that this does not apply to plants grown from cuttings, or grown in the open field, nor does it prevent the winged adults of cutworms, white grubs and wireworms migrating into the houses and making their headquarters in the sterilized soil. Furthermore, the expense of treating large quantities of soil must not be overlooked. F. A. Sirrine.

New York Agricultural Experiment Station, Jamaica, N. Y.

Your clipping upon "Sterilized Soil" is received. It seems to me that every word of it is true and wholesome advice. While not carrying out any experiments on a large scale, from lack of opportunity I feel confident that all those who have much glass and serious troubles with root galls caused by nematodes, should give the matter of soil sterilization most serious attention. Byron D. Halsted.

New Jersey Agricultural Experiment Station, New Brunswick, N. J.

Replying to your request for my views concerning the sterilization of soil, I would say that I consider the subject well worthy the attention of the commercial grower of greenhouse products. Its feasibility and economical application depends largely upon the equipment of the establishment. In those where steam heat is employed the cost of application would not be so great as in those where hot water is used for heating purposes, as in the latter it would necessitate the purchase of a steam boiler. So far as I am able to learn, wherever the soil has been thoroughly sterilized there has been a decrease of fungous troubles, as well as injury from all worms or nematodes, and, in consequence, a much more vigorous growth of the plants has been obtained.

The sterilization of soil in a box, as mentioned by Mr. W. W. Rawson in a previous issue of your paper, is not an economical method if one has much of it to do. His proposed plan of piping his beds with perforated steam pipes, while perfectly feasible and more economical of labor, is not, in my opinion, as desirable a method as that of using ordinary porous 2 or 3-inch tile. The latter method was first employed by Galloway (Am. Gard., 18, 127, 1897), and later enlarged upon by Messrs. Stone and Smith (Bull., 55, Mass. Agr. Coll. Hatch. Exp. Sta., 51, 1898). In both instances satisfactory results were obtained. The drain tiles are laid in the bench or bed in parallel lines, connected at the ends, a foot to 18 inches apart, and at a depth of from 6 to 12 inches, the latter being dependent upon the depth of soil to sterilize.

One advantage of the tile over that of the perforated steam pipes, claimed by Messrs. Stone and Smith, was that the tile could be used for sub-irrigating purposes and thus made to serve a double purpose. To this I would add that the tile will also serve as conductors of air through the soil, and thus afford better root aeration of the plants, a factor in sub-irrigation of about equal importance to that of the application of water. Hence for this reason and the ease with which the tile may be laid, I prefer the use of tile to that of the steam pipes.

William Stuart.

Indiana Experiment Station, Lafayette, Ind.

ENGLISH FLORAL WORK.

Last week we gave a group of floral arrangements prepared for the funeral of the late Queen Victoria, but they were reproductions from engravings which had been much reduced from the original photographs and there was but little detail, though giving a general idea of the style of arrangement prevailing among London florists as to funeral designs.

This week we present two plates engraved from photographs we have secured from London at some little trouble and expense, showing two arrangements sent to Her Majesty's funeral by Americans, though of course arranged by London florists.

The first is a wreath sent by the widow of former President Garfield, and it is truly a beautiful arrangement. The way in which the calla lilies are delicately veiled by the asparagus, the use of the croton foliage and smilax sprays and the loose placing of the violets all appeal to us as excellent.

The second engraving is from a large photograph of the huge cross sent by United States Ambassador Choate, regarding which much has been said in the daily press. It certainly contains an immense amount of choice material, but it surely is not representative of American floral art, at least as it exists today. It might serve for a model of what was considered the proper thing twenty years ago. However, the picture is interesting and we have reproduced it with as much detail as possible so the florists of America could judge for themselves as to the merits of this design. The English papers, by the way, refer to all such arrangements as "wreaths," even including this cross under that title.

LANDSCAPE GARDENING AS A PART OF THE FLORISTS' BUSINESS.

By Robert B. Cridland.

(Read before the Philadelphia Florists' Club, May 7, 1901.)

When accepting the honor which your committee conferred in assigning a subject on which to prepare and read a paper before this club, I realized to a degree the difficulty of writing from a business point of view in disregard to those talents that make the "gardening art" a profession rather than a commercial enterprise. Therefore, in hopes of making a more interesting paper, have taken greater latitude than the title implies.

The desire of people to beautify their surroundings has become more general here within recent years than at any other period. We have awakened from the old stereotyped methods, to realize the possibility of design in the adjustment of the house, roads, paths and other adjuncts necessary to the convenience and comforts of the home. We may have utility without sacrificing beauty; every feature is considered as to its particular fitness, and each arranged with regard for the whole.

The house site is selected with consideration for health and beauty; exposure must be bright and sunny, the ground properly drained and the water supply good. Prospect and aspect, the views to those within and those without must be well pleasing to the eye. Roads must be as direct as possible, and conform to the topography; should the grades be rolling and steep, a circuitous drive will be essential to attain an easy ascent. The same may apply to paths; when, however, the ground is comparatively level, long winding roads or paths, with sharp reverses, are in bad taste, and we should not condemn anyone who takes to the turf where such exist. The entrance gates are also to be considered. These should be simple in outline and broad in effect; the piers set at right angles to the drive, and where discrepancies of distance from highway to piers occur the same should be made up in the wing-walls.

The designing of the grounds as regards planting requires considerable thought. Sometimes an entire new scene must be created, while at others it is only necessary to embellish that which

Cross Sent to the Funeral of Queen Victoria by United States Ambassador Choate.

already exists. Vistas are to be made by planting, or to be opened by the judicious use of the ax. In either case a thorough knowledge of what nature has used in the building of her landscape is essential. The hills are to be explored to ascertain the various trees and shrubs that exist; also the lowlands and the water's edge. On high elevations will be found the oaks, poplars, maples, ash, chestnuts, pines, junipers and others; this will suggest what to use under sim-

lar conditions. Likewise the sweet gum, red maple, magnolias, alders, with others will indicate what to use on low grounds. Close to water we find the willows of various tints of gold and red bark, and the variety babylonica of airy graceful foliage, dipping its branches into the very stream. This is nature's guide, and if followed will give us harmony at least.

Ingenious man, however, is not satisfied with the indigenous, so the catalogue must be increased to numerous importations. Here is an easy channel to err; like the boy with his first box of crayons, we are tempted to use too many varieties, scattering them throughout the plantations with no more serious thought for the combinations of color. The plants should be arranged in harmonious masses, and each located with regard for its particular beauty at different seasons. Nature has given us material in the form of leaf, flower, or fruit with which to decorate the landscape at all seasons, and as the flower of one variety is fading another is appearing, thus it continues until fall, when the foliage assumes its gayest attire: and after the leaves have fallen the fruit and twig still brighten the aspect.

In arranging the masses of color, those at a distance should be larger than those closer to the eye. Clumps of the same colored flowers should not be repeated too frequently, or it will give the appearance of spottiness. On observation we frequently see the lack of judgment in distributing single specimens over the lawn. Recently was counted at least forty plants of spiræa and forsythia on a small place in as many different positions, and all visible from one point. This, as you may imagine, was not very pleasing.

The foregoing refers to the framework of the grounds, and touches only in the most brief manner a few of the many points to be considered by the landsceape gardener. Whether the work be great or small, we must apply the same fundamental principles, judgment and taste. And it would seem that the more familiar the florist becomes with those impulses which inspire to better methods of design in landscape gardening, the more artistic will be those embellishments which are within his province. Whatever we do let it be done with a purpose; if a tree is to be planted for shade, place it where it best serves that end. If the space will not permit of planting one of spreading habit, use one of pyramidal growth.

The planting of many large growing trees on small grounds is not wise, nor should they be placed closer than twenty to twenty-five feet to the house. Never plant a specimen because it is attractive, unless a suitable place can be found for it. Consider ultimate size and the general appearance of the whole. It is better to map out a scheme with system regardless of the rendering of the drawing. A lay-out may be depicted crudely on paper, and yet be highly satisfactory when realized on the ground.

Specimen plants should be isolated, as they are not generally necessary to the picture as a whole. In planting to screen offensive objects, use the hemlock or spruce; as a summer screen privet is better, or vines, the dolichos being particularly useful in making a quick screen over a lattice. We have learned a lesson from the wanton mutilation of street trees by the telegraph and telephone companies, which would suggest, where practicable, to set them back of the building line. Then the leader will be spared at least, and if cutting is found necessary it may be done symmetrically.

When the grounds are small and the straight lines predominate, the flower beds should be located in geometric fashion; what is done on one side must be duplicated on the other. The beds should be placed close to the house or the border planting, for they appear best with a background. Brilliant colors should only be used when they are surrounded with abundance of green and dark shadows. Planting at the base of the house is infinitely better than cutting beds in the turf. When thus treated use only the cleaner, free growing sorts.

Herbaceous plants, as a rule, are not suitable for this purpose, and some varieties are as much out of place as a coleus bed in the woodland. These should be scattered through the shrubberies in borders, along the walks of the vegetable garden, or in a flower garden especially provided, where one may cut at will for indoor decoration. There are exceptions, however, and perhaps all have appreciated the perfect harmony of the larkspur, delphiniums, hollyhocks, peonies and monkshood scattered in a natural manner around the base of a building of the old farm-house type. Vernonias, asters and solidages seem most suited to the borders of the woods.

The demand for perennials is becoming more general, and in a measure they are supplanting many of the bedding plants. Therefore, it behooves the florist to familiarize himself with the best adaptation of these invaluable plants, and gain even greater distinction than he possessed as the author of the pattern beds.

In closing, whether we are florists, nurserymen or landscape gardeners, let our work be the faithful representation of what may be done in helping nature, and though commercial interests must be a factor, there is no legitimate reason why it should be a barrier to good design. Let us have a brotherhood, at least, through the genius of which the world may be made more beautiful by the conferences and intermingling of thought on this the most delightful of vocations, "Landscape Gardening."

MISCELLANEOUS SEASONABLE HINTS.

Bedding Plants.

The next big business will be filling the flower beds, and with us veranda boxes and vases. Nearly all flower beds are of some geometrical design and with the material we use for filling them they can hardly be anything else. Shrubbery should never be planted in formal beds or straight lines, and fortunately they seldom are, and the trees dotted round the lawn take off the stiffness of the flower beds. Do not wait till the first of June, telling people it is not safe, but use discretion. You will have people asking you for pansies on the first of June when they should have had them to cheer up the garden all the month of May. I can only write with the knowledge of the weather of our latitude, and do not pretend to advise those in Chattanooga, Tenn., or Bismarck, Dakota.

Some thirty years ago, being young and green and not knowing our climate, I planted out quite an extensive flower garden from the 12th to the 15th of May. The coleus and achryanthes did not grow very fast but not a plant was hurt, and it is only one season in ten that we get any real frost after the first of May, but cool nights are an injury to real tropical plants and those there is no advantage in getting out before the last days of the month. Then again a lot of our bedding plants (and the leading ones) are not tropical, and if the thermometer goes down to 38 or 40 not the slightest harm is done. All the zonal geraniums, verbenas, petunias, sweet alyssum, carnation, centaurea, lemon verbena, lobelia and most all plants that you have been growing in a cool temperature, should go out at once, and I can tell you if you can get a few thousand of your zonal geraniums bedded out it is a great relief.

There are some plants that like cool weather, yet the slightest frost is death to them, notably the dahlias, cannas, caladiums, coleus, achyranthes, alternanthera, acalypha: Wait until June 1. Speaking of dahlias, some of the expert growers do not plant till the first of July. The idea is, I believe, that if planted early they get stunted in July, while if planted late the cooler weather comes on while they are making their vigorous growth and helps them to maintain a vigorous growth.

Planting.

I have often had occasion to speak about what I consider the correct method of planting, whether it be an elm tree or a geranium. It takes longer to plant properly and carefully, but if you wish the best results it is time well spent. Most of our patrons have their flower beds rounded up much too high to look well and far too high for the good of the plants. Now supposing an eight foot diameter bed has a rise of nine inches to the center. How long will it take before you could water that bed enough to soak down six inches? It would take hours. So you should water thoroughly when they are planted, and that can only be done by putting the plant in the hole, putting sufficient earth around the ball to firm it, and then giving it a good soaking. When the water has soaked away fill in the hole with dry earth, which acts as a mulch. This is worth a dozen waterings on the surface. Men you send out to plant beds are sometimes in a great hurry and just stick the plants in with

the remark "That's good enough." Insist that it be done properly.

The hose is a great help to us in our dry seasons such as last year, but it is sadly abused and should only be in the hands of a gardener. While water ad libitum is all right for the cannas it is often the ruin of geranium and coleus beds. In the former it spoils the flowers of geraniums and induces a leafy, soft growth with little flower, and with coleus it makes a long, rank growth, just what you don't want.

Veranda Boxes and Vases.

You should be prepared at this time with a very large pile of very rich soil if you fill many veranda boxes and vases, for we use up a great deal of it. It is necessary that it should be very rich and if you don't have plenty of rotted manure you can use bone meal. In a veranda box of 10 or 12 inches wide we use about as many plants as would fill a border three feet wide. This crowding I am aware is wrong, but people must have immediate effect and this crowding means that before the summer is over the soil is one mass of roots, so make it rich. This is a great city for veranda boxes. People prefer them to cutting up the lawn in front of their houses, and it is admitted by all who visit our city to be a great embellishment to our residence streets.

There is one trouble about them; we started the price too low some years ago and it has been almost impossible to raise it. In figuring up the plants we find that they amount at retail to quite as much as we get for them in the boxes, and our labor and soil and moss thrown in. But against that we must consider that we are not selling them at retail; it is as good as wholesale and better, for we use what we choose and it helps to clean up lots of stuff for which there would be no sale. We get for boxes eight to ten inches in diameter 75c. per running foot. We ought to get $1.00. At the former price you can live and go to the annual convention. At the proper price you might gain a "moderate competency" with fifty years' strict attention to business. It's not nearly as good a business as being successful with American Beauty roses, but we can't all be that and some must be satisfied with the plebeian end of the business.

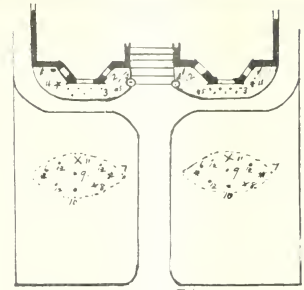
Outdoor Tulips.

We are often asked just now, "what shall we do with our tulips to have them flower next year?" Now the best answer is to tell them to throw them away and buy more next year. The fact is, while flowering or just after the bulbs are building up the growth that gives us the flower the following year, and if dug up and dried off as soon as the petals are dropped is treating them badly. If you expect to have flowers next year the bulbs should be left in the ground till the tops are about dried up and that with early tulips is at least the first week of June. If the bulbs are planted deep there is no better way than to leave them in the ground and plant your summer flowers without disturbing the roots. If you lift the bulbs dry them off well and store them away.

William Scott.

HARDY PLANTS.

The accompanying plan indicates a double bay window house, north front, standing at the street level, on a lot 40 feet wide, with only a narrow walk at each side of house.



Key to Plan.

1 Osmunda Claytoniana
2 Convallaria majalis
3 Hepatica acutiloba
4 Dentaria grandiflora
5 Aquilegia canadensis
6 Papaver orientale
7 Delphinium formosum
8 Mertensia virginica
9 Campanula Van Houttei
10 Hemerocallis rutilans
11 Echinops ritro
12 Aquilegia vulgaris
13 Iris pumila

All plants included in the design are herbaceous and all will reappear each spring. If desired, some bright colored late flowering annuals can be planted beside the early blooming perennials to help the show for the latter part of the summer; petunias, verbenas, annual phlox and candy tuft would serve the purpose, and a few plants of Salvia splendens brighten a garden wonderfully. These annuals will not hinder the reappearance of the perennials the following spring.

The two beds could be slightly raised or a low border of boulders might be placed around them and the interspaces set with any of the hardy ferns.

There is a certain degree of formality in this design which cannot be avoided. To attempt to make it irregular would be merely an affectation.

John Higgins.

Ed. Florists' Review: As you ask for criticisms of the planting plans, by Mr. Higgins, I would suggest many changes in the plan for a lot 50x100 in your issue of May 9.

In the narrow bed at back of the lot the ends are planted with purple barberries. I think purple trees and shrubs not being normal colors, should be used only for contrast effects. Planted as proposed the bed would be bare, the central perennials starting late, though contrast with garden asparagus in July would be good. I would prefer to make an irregular bed widening at the upper right hand corner and plant Cornus sibirica, golden willow (kept cut to a shrub), single kerria, purple barberry and Spirea aurea. Then I would relegate the aquilegia to this bed, it has no place in a conspicuous bed in front of house.

If paeonies are desired, space them well and plant Lilium superbum between, and in front plant Gaillardia grandiflora, thus giving continuous bloom to frost. I would leave out the purple barberry (2) opposite (6) for reasons before stated. And Forsythia suspensa has no place in so narrow a bed with walk at side. If Forsythia is desirable in such a narrow lot, which I doubt, use F. Sieboldii, a more compact grower. I have seen F. suspensa cut down this spring (30 years planted) that had spoiled the grass in a circle 40 feet in diameter.

I would rather use a finer foliaged shrub like rhodotypos for 17 and 18, planting Lonicera tartarica, alba and rubra in place of Japan quince. The dwarf trees are all right unless the weeping mulberry is tender. It is apt to kill back in exposed situations. A tree lilac—Syringa japonica—would be better.

Geo. L. Clark.

Newtonville, Mass.

CHRYSANTHEMUM NOTES.

Cuttings should be rooted now right along as time and space can be found for the operation. The earlier rooted stock can, if necessary, be topped now, and such tops make very fine cuttings, because they are in a nice, healthy, vigorous condition.

Of course, it is a severe check to a plant to be topped in this manner, but if care and common sense are employed in the operation the plant will very soon recuperate. Such plants can be planted out, if desired, and several shoots taken up or they make very useful plants for growing on in pots and flowering in an 8 or 9-inch pot, leaving as many stems as the condition of the plant warrants, and your knowledge of what your market calls for as regards quality may suggest.

Cuttings rooted from now on are best kept to single stem. Many propagating houses at this season get pretty hot during the day, and a better place for rooting cuttings is a cold-frame placed in a sheltered position under a north wall, if possible. If in a position where the sun will strike it, the glass should be shaded during the day. The main point to be observed is to keep the foliage of the cuttings from wilting and to this end they should be frequently syringed and liberally watered. If allowed to wilt too much the cuttings will get dry and hard and will not root satisfactorily, naither will they make as good plants if they do

root. Nights when the air is mild and still the sash can be taken off the frame and the cuttings will be greatly benefited by the cool, moist night air.

As cuttings are rooted, they can be potted up and left out in the frames until needed for planting; indeed, they are much better off out there than in the houses, providing they are within easy reach of the hose. Plants in small pots dry out very rapidly when the sun is hot, and a brisk drying wind is blowing. If stood rather closely together they will not dry out so rapidly, but don't forget that if you stand them too closely they will get drawn up, thin and long jointed, a condition to be avoided above all things.

Some of the new ones are making nice growth, my favorite of the newer lot being Nellie Pockett, which is one of the neatest habited varieties that has been sent out for some time. Owing to the loose conformation of the flower this variety will probably never rank very high as a purely commercial variety, but the man with a home trade will make no mistake in growing this very handsome variety.

Eaton is doing nicely and is, we understand, to be largely planted, so will in all probability be largely in evidence at the fall exhibitions. Mrs. Elmer D. Smith and Mrs. Barkley are also hidding fair to render a good account of themselves.

Iolantha is nothing to boast of, but it has lots of time ahead of it yet.

Specimen plants should be potted on from 6 to 8-inch pots as they are ready for it, using good fibrous loam with a little green sod over the drainage in the bottom of the pot. The plants should be kept closely pinched to encourage as many "breaks" as possible, and frequently syringed to keep the wood soft.

Dust your plants over frequently with tobacco dust, or spray with the liquid extract, to keep down the black and green fly. The green fly I regard as worse than the black because it disfigures the foliage much more if not kept down.

BRIAN BORU.

CARNATION NOTES.

By this time you have all your carnations in the field, and the hardest part of the work is done; but if you want to have good plants to house early you must look after them right along. Begin at once with the hand cultivator, or the hoe, and work the surface of the soil between the rows. As soon as we finish planting a considerable patch we go through with the cultivator to loosen up the soil, which gets packed more or less from walking over it in planting. After that we cultivate at least after each good rain, and if it does not rain for a week or so we go over it again anyway. Keeping the soil stirred is far better than watering. I have never been obliged to water carnations in the field because I have always been a firm believer in cultivating.

Some of the first ones we planted are throwing up shoots and pinching must be looked after closely from now on. Such varieties as Mrs. Bradt and White Cloud need close watching to keep them bushy. We will have about six weeks of good growing weather yet, and in those six weeks you want to produce the body of your plants so they can throw strong flowering shoots later on.

A. F. J. BAUR.

PAN-AMERICAN ROSE SHOW.

On account of May 20 being dedication day at the Exposition, the date for the opening of the exhibition of tender roses has been advanced one day and it will open on the 20th instead of the 21st, so as to give the immense number that will be in attendance on dedication day a chance to see the roses. The exhibits in place on the 20th will probably be viewed by the largest concourse of people that has ever enjoyed a display of roses in this country. The classes and rules and regulations were printed in our last issue.

All entries should be addressed to William Scott, Horticulture Building, Pan-American Exposition, Buffalo, N. Y.

PHILADELPHIA.

The Market.

The cut flower market is in very bad shape indeed. There is a fair amount of business being done for the middle of May, but there is an immense amount of stuff coming in; so much so that at least one commission man had not vases enough to put all his flowers in water when they arrived. Even sweet peas do not sell on sight, though they move pretty well. Last week we had a great deal of rainy weather, which has been rather hard on all stock, especially sweet peas. This week has begun more auspiciously in point of weather. It is hardly worth while to quote prices at present.

Bedding Plants.

The fateful 10th of May has passed and this week finds the bedding-out season in full swing. Heretofore the work has been chiefly on a small scale, but now the big beds that have been gorgeous with hyacinths, daffodils and tulips are nearly ready for their second planting. An exception to this is seen in some fine late beds in favored spots, and in the beds planted with the plum-colored tulip Gesneriana. This variety is exceedingly handsome and although a single, very durable, remaining in perfect condition for a long time when the weather is favorable.

Some very effective beds are seen planted with tulips and pansies; where separate colors are used this combination gives scope for great variety of rich effects.

Thaddeus N. Yates & Co., of Mt. Airy, have a large stock of bedding plants.

Various Items.

John Burton has a well grown lot of young Beauties in small pots. The sash bars are up on his new range of glass.

George Leiker, of Lansdowne, has five houses devoted to carnations with the exception of one bench each of sweet peas and callas in pots, which have paid well. His carnations include Jubilee, which he considers the best red, and which looks well; Ethel Crocker, Mrs. Bradt and a white seedling of his own, a free bloomer of fair size and stem, not intended for dissemination but for own use.

Casper and George L. Pennock have broken ground for two new houses. It is understood that they intend planting Beauties exclusively this season.

Joseph Bevis is cutting very fine Brides and Bridesmaids from two-year-old plants in solid beds.

David Anderson has one Beauty house planted and will plant the other this week.

It is rumored that both Charles S. Price and F. W. Whiteley will plant little or nothing besides American Beauties this season.

We have all noticed the steam ash lifter that works so well in transferring the ashes in an endless chain of little scoops from the cellars of the City Hall to the wagons on the street above. Such an arrangement would be a boon in many of our greenhouse plants. It was said that Mr. Montgomery had an economical method for the work in operation at the Waban Conservatories; certainly our methods here are crude and old-fashioned. Will not some of our bright inventive minds give us an adapted form of these endless scoops that our steam boilers can run, something simple and not too expensive?

The feature of the Germantown Horticultural Society meeting last Monday evening was the vanilla orchid beans exhibited by Michael Punch, gardener to Roberts Le Boutellier. Addresses were delivered by Edwin C. Sellett and George Redles. The June meeting of the society will be a notable one.

PHIL.

BOSTON.

Trade Conditions.

A tremendous cut of roses and an even larger one of pinks is coming in, and there is also quite a supply of a mixed variety. Heavy sales are made, but at a very low figure, and every street corner has a busy fakir forcing goods upon the public at the lowest rates yet touched, even by them. And we must expect things to keep this way for a couple of weeks, I presume.

Green material of all kinds except adiantum has been scarce for a few weeks, and hardy ferns were really out of the market for a few days. But Henry M. Robinson & Co. have now received heavy shipments from the South and can now supply an unlimited quantity. They expect to handle three millions of them before the middle of June. These figures are big enough to interest Morgan or Carnegie.

Various Items.

J. J. McCormack has opened a plant auction at the corner of Franklin and Oliver streets. He puts out a brave little flier announcing a great variety of goods and advertising sales every Wednesday and Saturday at 10 a. m., to be continued as long as they are well attended.

A few years ago two brothers, George and Arthur Delay, were well known to the florist trade of Boston. George was on the ill-fated steamer "Portland" and his body was one of the few washed ashore. A few days ago Arthur died of consumption, with which he had been suffering for several months. Through the kindness and thoughtfulness of Henry M. Robinson, our leading dealer in hardy supplies, a fund of over $100 had lately been raised for him, which

Mr. W. H. Elliott's New Asparagus House.

must have been of some assistance to him during his closing days.

Those stone statues upon old Horticultural Hall surely have been getting their full share of attention lately, not only from the newspapers but from the general public. A big crowd gathered one day to see them lowered by a big derrick. They were on their dignity, and insisted on coming down very slowly indeed. I never bothered myself to wonder whom the figures represented, but it seems that the goddesses of fruits, flowers and grains, Pomona, Flora and Ceres, respectively, were the lucky people. The "Globe" says they are to be removed to the new hall.

W. H. Elliott has been making quite a systematic search for real estate suitable for a combination summer home and an enlargement of his rose-growing business. A few days ago he purchased 180 acres of land and a large brick house at Madbury, N. H., which will make an ideal summer home when alterations now under way are finished. And, as Mr. Elliott considers himself an expert in the selection of soils, it is probably fully as safe to say it will make a valuable addition to his business whenever he gets ready to erect greenhouses. The property is particularly well situated to accommodate shipping interests toward Boston.

Two more florist stores have closed up on us—M. Thompson, Mason street, and Lawson & Taylor, on Boylston street. The last young lady to close up, some few weeks ago, chased up her creditors indefatigably until she found and paid each one, but her example has not been followed this time by the lady in the case. It is said that Lawson & Taylor are to reopen. J. S. Manter.

AN ASPARAGUS HOUSE.

The engraving is from a photograph of part of the new addition Mr. W. H. Elliott, Brighton, Mass., has just made to his extensive asparagus houses.

The house is now 200 feet long and 110 feet wide, containing about 600,000 cubic feet. It is built on a side hill, and from the lowest point in the front to the highest point at the back, is 50 feet in height. This immense structure is supported by wrought iron pipe, the main supports being 1 1-2 and 1 1-4-inch pipe, branching into 3-4-inch at the purlins. The woodwork is cypress throughout, and the house is glazed with 16x24 glass. There are 13 beds in this house, each about 4 feet wide, with 2-foot walks running between. There are, also, 2-inch plank walks run overhead, the whole length of the house, every 7 feet from the ground up; these walks help to strengthen the structure, as well as being necessary to use in training the vines. The uppermost planks are used for growing chrysanthemums and Asparagus Sprengeri, the latter being grown in long, shallow boxes containing 2 1-2 inches of soil; these boxes are 2 feet apart, just allowing enough light to reach the asparagus underneath, while at the same time shading it and keeping the house cool and moist at the top, thus preventing the growth of red spider, which is one of the most destructive pests encountered in the growing of asparagus.

The vines are trained on linen thread, attached to wires made fast to an iron trellis about 2 feet above the ground, 8 inches apart, and at the top an equal distance, in order that the strings may be as nearly straight as possible.

This house is heated by steam, one 6-inch main supplying the radiating pipes, which are distributed overhead throughout the house; in all there are 23,000 feet of pipe used in trellises, supports and heating the house.

Pekin, Ill.—Geo. A. Kuhl is rebuilding inside of houses, putting in tile benches. Has planted a house of Liberties and one of Bridesmaids this week. Business is fine. He reports having put into propagating bed this season over 100,000 cuttings of roses.

CHICAGO.

The Market.

The continued cool weather, together with the fact that quite a number of houses have been replanted, has resulted in somewhat reducing the supply, especially of roses, but demand is still weak. While some extra select tea roses are held at as high as $6 the top limit will be more generally recognized as $5, and the average range is from $2 to $5, with the heaviest emphasis on the lower figure. In fact, "punk" aggregations have been cleaned up at as low as $1. First class Beauties hold their own very well, but they are precious few in number, while there is a big lot of stuff that serves as a horrible example and brings what the buyer offers.

In carnations a few very extra selects are held at $3 and $4, but they are so few they are hardly worth mentioning. On good carnations $2 is practically the top price, while really good flowers can be had at $1.25 to $1.50, and the great bulk of under grades goes at 40 to 75 cents.

Lilac is now coming in freely, and is moving fairly well. Parrot tulips are also beginning to come in and sell very well at $4.00 per 100. The arbutus season is about over. Tulips are doing a trifle better, but $2 is about the top price. The supply of lilies has shortened materially, and good ones now go very well at $4 to $6, and we hear of some sales of extra at as high as $8 and $10.

Various Items.

The program for the regular meeting of the Florists' Club, to be held to-morrow (Friday) evening, includes a paper on growing the cyclamen by Paul Kopanka. Other essays are also expected.

Herman Schiller, the well known West Madison street florist, died at 10 o'clock last Sunday morning. He had been in poor health for a number of years, though still able to attend to business up to shortly before his death. He was 49 years of age and leaves a widow and six children, the latter aged from 20 to 12. He was laid to rest last Tuesday in the funeral plat at Niles Center, the services being held in the city in the morning, which were attended by numerous friends in the trade. Mr. Schiller was born in Germany, and came to America in 1879, when he established himself in the greenhouse business at Niles Center as a member of the firm of Schiller & Kuske. Later, when his inflammatory rheumatism became chronic, he established himself in the city and the greenhouses, which he eventually owned entire, were finally sold and are now conducted by Mr. John Brod. He was also successful as a storekeeper, and leaves an estate of considerable value. The business will probably be continued by his widow, under the management of the able corps of assistants, of which Mr. Geo. Asmus is one.

Bassett & Washburn have already replanted about half of their Beauty houses. They report carnations in the field, of which they have about five acres, as doing remarkably well. Mr. and Mrs. Bassett are now sojourning at Battle Creek, Mich.

There is a feeling among some of the growers that the time has come to take steps to prevent the ruinous competition in the market at times of glut. One suggestion is that the growers get together and agree upon a bottom limit at which flowers shall be sold, any left when the market has taken all it will at that price to be destroyed. The suggested bottom limit is $1.00 per 100 on roses and 80 cents per 100 on carnations. It is believed that this would not only bring the grower more money on the average, but would protect the retailer from the worst of the competition by the fakir.

Kennicott Bros. Co. made an arrangement with Klehm's Nurseries to bloom 5,000 longiflorum lily bulbs for Decoration Day, and expect the cut for that day will be about 10,000 flowers.

The preliminary list of premiums for the annual exhibition of the Horticultural Society of Chicago, to be held next November, has been issued. Copies may be had by addressing the secretary, Room 1002, 185 Dearborn street.

Alexander Rodgers, the seedsman, 220 Johnson street, has filed a declaration in bankruptcy. His liabilities are placed at $63,000 and his assets at $36,000. The Chicago Title and Trust Co. has been appointed receiver. A heavy decline in timothy seed last fall is said to have been the cause of the failure.

The board of education has decreed that flowers shall be barred from the graduating exercises at the public high schools, but some of the daily papers are criticising the action so vigorously that a reversal may be looked for.

The Geo. Witthold Co. arranged a very elaborate wedding decoration at the Germania Club last Monday, regarding which we shall have more to say next week. They also put in an elaborate decoration this week for one of the large department stores, wild smilax and palms being the main features.

It is reported that Mr. J. D. Thompson is to sever his connection with the Chicago Carnation Co. July 1 next.

Bowling.

The second series of games in the local league contest was played at Worden's alleys last Tuesday night. The Growers won from the Wholesalers and the Seedsmen got the best of the Retailers. The scores follow:

GROWERS.			
G. Stollery	138	150	148
F. Mattl	150	175	141
N. A. Schmitz	134	178	126
J. Paulus	162	147	122
F. Stollery	174	190	191
	758	840	738
WHOLESALERS.			
E. F. Winterson	202	150	181
Leonard Kill	137	113	103
W. S. Heffron	95	96	139
G. L. Grant	154	152	143
Jas. Foerster	176	145	138
	764	662	704
SEEDSMEN.			
Jno. Degnan	145	168	167
A. Henderson	135	99	124
C. W. Scott	102	126	168
C. J. Reardon	116	176	132
W. Nagle	102	115	168
	573	624	759
RETAILERS.			
C. Balluff	154	183	214
O. Kreitling	107	126	116
E. Hauswirth	135	122	135
H. Metz	80	113	123
G. Balluff	89	67	73
	575	611	655

F. Stollery, of the Growers, had the high average (185) in the three games and won the copy of the Florists' Manual offered by the Florists' Review. E. F. Winterson and C. Balluff each won a dollar prize for score of 200 or over.

SET FUNERAL DESIGNS.

EDITOR FLORISTS' REVIEW: Will you kindly permit me through the columns of the REVIEW to make a few remarks regarding "set pieces for funerals." I have noted, both in sorrow and in pain, from time to time, cuts and descriptions of funeral designs in your esteemed journal and I suffered in silence, contenting myself by grinding my teeth and swearing at delinquent customers, but there is a limit to human endurance, and when I saw in the pages of the REVIEW of April 26 a cut of an open book and a written description accompanying it, I looked for an ax, for some one needed it, sure.

Just to show how ridiculous some florists are I will explain: The book in question was 3 feet by 4 feet, making 1,728 square inches; they put into it 1,800 roses, or 150 dozen; 200 valley, besides 3-5 of a 24-inch wreath that contained 2,500 violets, hung on the corner, taking up considerable of the space. Now, first-class Brides and Perles will measure from 11-2 to 13-4 inches in diameter. Just imagine those 1,800 roses stuck into space less than an inch square, to say nothing of valley, violets, wreath and fern that were jabbed in one way or another. Just contemplate for a moment while I dig up the ghost of Michael Angelo and have him hunt for the artistic among those dove-tailed roses. In my mind, it brings up an old man's face with a mouthful of store teeth or a section of a huge ear of corn, and fully as artistic.

Now, Mr. Editor, a great many people have become disgusted with funeral designs of any description, and it's just through the forcing upon them of just such pieces as I mention above, and when florists will learn that it's not the amount of flowers that is put into a piece that gives it the value, but the artistic effect produced, more people will order designs for funerals. The average florist needs more brains and less stock in all his work. In all designs keep close to nature, avoid the mechanical part as much as possible; use as much of the stem of flowers as possible, and whatever you do, don't crowd. If a customer orders a wreath for $10, don't figure to put in five dozen roses at $2 per dozen, when you can get the desired effect with one-half the amount. Charge so much for stock and allow so much for brains, and if the customer kicks, rest assured it will be on account of the quality of the brains.

In conclusion, will say that if above advice is followed there will be less trouble in getting your customer to take designs for funerals. Here in San Francisco we make up more funeral designs than in any two cities in the east. Fifteen and twenty years ago we were just where the east is at present in the making of funeral pieces. While, out here, we all have Long's Floral Album to show customers the various designs, we would never think of making one like the original. On pillows, wreaths, etc., rose stems are from 6 to 10 inches in length, violets from 5 to 7 inches and all other flowers in proportion.

We have here some forty retail stores, all doing fairly well. Wholesale prices of flowers about the same as in the east, retail prices about 50 per cent less. Everybody buys flowers; the man with the tin dinner bucket buys a bunch of violets or sweet peas, according to the season, to take home to his wife or sick child, with as full appreciation as the banker who orders orchids or the finest roses for his mansion. They all have a love for the beautiful. SHIBELEY, The Florist.

San Francisco, Cal.

[After all the good advice that has appeared in the REVIEW regarding the avoidance of stiffness in the arrangement of flowers, it is rather painful to receive such a communication as above. In regard to the floral book illustrated it may be well to say that in response to inquiries we were informed that the people ordering were bound to have a book and nothing else. And the design itself did not look nearly as stiff and formal as it did in the photograph. And while the florist should endeavor to lead customers away from formal set designs, we are inclined to believe that if a customer with the cash in hand wanted a formal design made and wouldn't have anything else, we would make it up and get the money that would otherwise go to some florist who was not so particular. The REVIEW is a trade newspaper and reports things as they are. It deprecates the use of set designs, but it recognizes the fact that an immense number are made up and that they are a factor in the trade. Again, the florists who make up the loose, graceful work rarely have it photographed. It is generally the man who has built a railroad car or ship who has sufficient enterprise to have his work photographed. When we do get photographs of the others it is generally when we happen to have heard of it in advance, and get a photographer there on our own account. We trust that Mr. Shibeley will be good enough to help us out in this and favor us with some photographs of floral arrangements of the style he would recommend.—Ed.]

CATALOGUES RECEIVED.

The Good & Reese Co., Springfield, O., illustrated catalogue; Plant Seed Co., St. Louis, Mo., trade price list of flower seeds; W. J. Hesser, Plattsmouth, Neb., wholesale price list of palms and other decorative plants; L. L. Pillsbury, Galesburg, Ill., retail catalogue of cut flowers, plants, fruit trees, etc.; Klehm's Nurseries, Arlington Heights, Ill., hardy plants; Geo. M. Carter, Evergreen, Ala., decorative evergreens for all social occasions.

THAT DOLLAR.

How dear to our heart is the bright silver dollar,
When some kind subscriber presents it to view;
The liberty head without necktie or collar,
We long for the bush where the pretty thing grew.
The wide-spreading eagle, the arrows below it,
The stars and the words with the glory they tell,
The coin of our fathers, we're glad that we've got it,
For some time or other, 'twill come in right well;
The spread-eagle dollar, the star-spangled dollar,
The old silver dollar we all love so well.
—Credit Lost.

BEAVER, PA.—B. F. Engle has purchased the Beaver Greenhouse and stock, and after closing out the stock he will tear down the buildings and move them to Rochester, to be used in enlarging his conservatories at that place.

DUBUQUE, IA.—A. L. Glaser has purchased the greenhouses and business of Nicholas Mettel on Windsor avenue and will continue same.

YOU WILL find all the best offers all the time in our classified advs.

SAMUEL S. PENNOCK. Wholesale Florist

Until June 22d will be open from 7:30 a. m. to 3:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

AUBURN, IND.—A. F. Flemming's new greenhouse on West Eleventh street is about completed.

HEMPSTEAD, L. I.—One of the greenhouses on Theo. Havemeyer's country place was damaged by fire May 6 to the amount of about $250.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—1000 feet or more of Hitching's 4-in. pipe, as good as new. Price 16c per foot, delivered on cars here, in lengths of 3 and 4 pipes each. Joseph Bradbury, South Orange, N. J.

WANTED—A man that can grow violets and carnations for wholesale market to run place on shares, or will rent. Commercial, care Florists' Review.

FOR SALE—3 new carnation houses, 17x128; 15 acres fine land, large dwelling; near two large New York State cities; bargain for some one; part cash. Address G., care Florists' Review.

FOR SALE—$3,000—Greenhouses and flower store combined; central location, transfer corner; ornamental and nursery stock, saddle back boiler, two horses, working and delivery wagons. For particulars address the Florists' Review, or Carlson, 300 Haight St., San Francisco, Cal.

FOR SALE—Florist establishment, in best city in Wisconsin; 13,000 population; 5,500 feet of glass; office connected with residence; center of town; lot 66x400; street cars pass door; owner must leave for Europe July 1st. If you are looking for a good thing write G. R., care Florists' Review.

FOR SALE—Some extra good second hand 3-in. pipe at 6c per foot; also some 4-in., guaranteed sound. W. H. Salter, Rochester, N. Y.

WANTED—I want 1000 ft. of second hand glass, 14x16, 12x14 and 10x16. Write, stating price, to Mrs. May Bradley, Elwood, Ind.

WANTED—By June 1st, good all-around grower, to help in greenhouses and in planting out; permanent position for steady and reliable man; single. Apply, with references and wages wanted, Chas. Frueh & Sons, Saginaw, E. S., Mich.

FOR SALE—Cheap on account of sickness, a good florists' business, established 24 years; connected houses; 3000 feet of glass; steam heat; houses rebuilt nearly new; dwelling on premises. Address P. O. Box 631, Frederick, Maryland.

WANTED—Two young boys, to learn the trade; also one section man, to assist under foreman; references required. Poehlmann Bros. Co., Morton Grove, Ill.

WANTED—A couple of good all-around growers, to help in the houses and in planting out; chance of permanent places if you suit. Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

WANTED—A second hand hot air pump; must be in good condition. Write at once to The Yates Co., Florists, Canajoharie, N. Y.

WANTED—Second hand cast iron boiler; also 4-inch pipe, to heat 3000 ft. of glass; state make and size. Address Southern Florist, care Florists' Review.

WANTED—A good rose grower. Frank Garland, 55 Wabash Avenue, Chicago.

FOR SALE OR RENT—By July 1, 8000 feet of glass in a lively western town; houses and boiler new; good dwelling and barn. Address J. care Florists' Review.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave., Chicago.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

DREER'S PRIZE PRIMULAS

For best results these should be sown at once. Our strain is unexcelled for size, texture and freedom of bloom.

Alba Magnifica, the finest white.
Alba, the standard pure white.
Rubra, a good dark red.
Kermesina Splendens, rich crimson.
Cheswick Red, brightest red
Holborn Blue, blue.
Rosy Morn, rosy pink.
Punctata Elegantissima, spotted.
Robusta Grandiflora, mixed, a very strong growing type.
Fern Leaved, mixed.
Dreer's Choicest Mixture, made up out of the finest named sorts.

Price, any of the above, $1.00 per trade packet; 60c per ½ trade packet.
A trade packet contains from 500 to 1000 seeds, according to variety

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention THE REVIEW when you write.

FOR SALE....

TEN GREENHOUSES OF ABOUT 35,000 FEET OF GLASS,

situated in a thriving city 35 miles from Chicago; now doing a large business both in wholesale and retail of plants and flowers. For further particulars address **W. W.,** care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none,

with best references in the country, wants a permanent position.

Address Salesman, care Florists' Review.

FOR SALE—Ten greenhouses, about 22,000 ft. of glass, mostly 16 x 24 glass, heated by hot water. Large brick coal cellars, will hold four cars of coal. The greenhouses are built on a southern slope, and all in good condition, and planted to roses, carnations and bedding stock, all fine orders. Also all plants for next year's crops. Two dwellings; one house has six rooms and basement, and other ten rooms and basement, both heated with hot water; separate boilers. Good city water pressure, and a little less than four acres of fine land. Close to cemetery; inside city limits. Fifty miles from Chicago and thirty-five miles from Milwaukee. This place must be seen to be appreciated. Apply to

LEWIS TURNER, Kenosha, Wis.

Mention THE REVIEW when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

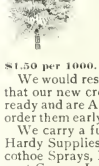
199 Grant Avenue, Jersey City, N. J.

Mention The Review when you write.

THANKS TO THE REVIEW.

I am all sold out, thanks to the REVIEW. S. S. PECKHAM.

New Bedford, Mass.



NEW CROP DAGGER FERNS

For Memorial Day.

$1.50 per 1000. Discount on large orders.

We would respectfully inform the trade that our new crop Dagger Ferns are now ready and are A No. 1 quality. Be sure and order them early to avoid disappointment.

We carry a full assortment of Florists' Hardy Supplies, as follows: Galax, Leucothoe Sprays, Hardy Ferns, Moss, Bouquet Green, Laurel Festooning, Bundle Laurel, etc.

Trusting we shall receive your orders, we remain, Yours very truly,

HENRY M. ROBINSON & CO.
36 Court Sq., Boston, Mass.

Mention The Review when you write.

3,000 ENGLISH IVY.

WHO WANTS SOME OF THEM?

4-inch pots, 4 to 5 feet long, strong, at $10.00 per 100
25,000 rooted cuttings of same, from flats, $1.50 per 100
Periwinkle, 2½-inch pots, $5.00 per 100.
Best Pansy in market, $2.00 per 100.
Remember me for coming Chrysanthemum planting. Largest and greatest variety. Cash with order please.

CHAS. ZIMMER, . West Collingswood, N. J.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

CINCINNATI.

The Market.

With almost two weeks of bright and really hot weather, the thermometer at 105 degrees in the greenhouses, its no great wonder that there is a surplus of stock on the market. Especially is this so of carnations, which are being cut in enormous quantities. The prices obtained for them are correspondingly small, there being scarcely any demand. From 50c to $1.50 per 100 is asked. Roses are rapidly growing smaller, showing all the effects of summer conditions. They are in better demand than carnations, but $4 per 100 is about the best price obtained. Miscellaneous stock that can be used for funeral work sells fairly well. Harrisii are a drug on the market.

Various Items.

I am glad to report that the damage done to the florists who were flooded by the recent high stages of the Ohio river is very small. Ben Glins, in whose greenhouses the water rose almost to the top of the benches, suffered most; but he reports loss very small. Fred Walz was kept back with his carnation planting, as the field used for that purpose was flooded. K. Wolf managed to stay the rising water for a time by building a dam around his place; but this gave way and there was two feet of water in his houses. No damage.

Saturday evening the regular monthly meeting of the Cincinnati Florists' Society was held. The nominations for directors of the society were in order and the following gentlemen were named: C. J. Jones, J. Schuman, Gus Adrian, H. Schwartz, Ben. George, F. Ball, A. Sunderbruch, F. W. Braunstein, E. G. Gillett, Max Rudolph, W. K. Partridge. These gentlemen will be voted for at the next regular meeting, which is the annual one and takes place June 8. Five directors are to be elected.

There was considerable discussion as to whether the Florists' Society would put a float in the trades' parade, which will be held during the fall festival. It was finally decided that the society could not back the float, but it would give all the help possible in connection with the florists at large.

The annual picnic was disposed of upon the same lines. C. J. Jones now has the matter in charge, and he promises great things. Good luck to him.

Dick Witterstaetter is receiving the congratulations of the trade upon his recent victory with "Enquirer" at the carnation exhibition of the Pan-American Exposition.

Mrs. Thomson bought out Mrs. M. Schwab and will continue the floral business on Vine street.

Dock Sunderbruch has sold out his interest in the business of A. Sunderbruch's Sons, and will take an interest in the Cincinnati Cut Flower Company.

Mr. Smith, of Smith & Fetters, Cleveland, was in the city. C. J. O.

Des Moines, Ia.—The new greenhouse plant of the Iowa Seed Company on Grand avenue consists of fifteen large houses. They are devoted wholly to the growing of plants.

Reports from the South indicate that the supply of Cape Jasmine buds will this year be much smaller than usual.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.
Mention The Review when you write.

E. C. AMLING
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
32, 34, 36 Randolph St.
CHICAGO, ILL.
Mention The Review when you write.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
Wholesale Growers of and Dealers in CUT FLOWERS
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

BENTHEY & CO.
F. F. BENTHEY, Mgr.
WHOLESALE AND COMMISSION Florists. Consignments Solicited.
41 Randolph St. CHICAGO.
Mention The Review when you write.

A. L. RANDALL,
Wholesale Florist
Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

WIETOR BROS.
Wholesale Growers of Cut Flowers.
All telegraph and telephone orders given prompt attention.
51 Wabash Avenue, CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS
Mention The Review when you write.

FRANK GARLAND,
WHOLESALE GROWER and Shipper of
CUT FLOWERS,
55-57 Wabash Avenue,
TEL. CENTRAL 3284. CHICAGO.
Mention The Review when you write.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in
CUT FLOWERS,
51 WABASH AVENUE, CHICAGO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1322 Pine Street, ST. LOUIS, MO.
Mention The Review when you write.

The Cincinnati Cut Flower Co.,
416 Walnut St., CINCINNATI, O. Wholesale Florists.
Consignments Solicited.
Special Attention given to Shipping Orders.
Mention The Review when you write.

FRANK M. ELLIS,
Wholesale Florist,
1316 Pine Street, - - ST. LOUIS, MO.
Telephone Kinloch C 74.
CONSIGNMENTS SOLICITED
Mention The Review when you write.

CUT FLOWERS...
Shipping orders receive prompt and careful attention.
C. C. POLLWORTH CO., MILWAUKEE, WIS.
Mention The Review when you write.

McKELLAR & WINTERSON

45, 47, 49 Wabash Ave., CHICAGO.

Headquarters for All School Closing Novelties and Cut Flowers for Decoration Day.

SEND FOR LISTS.

Mention THE REVIEW when you write.

WEILAND & RISCH can save you money on

Cut Flowers

We are extensive growers and have unsurpassed shipping facilities.

WRITE OR TELEGRAPH.

59 Wabash Avenue, CHICAGO.

Mention The Review when you write.

Maplewood Cut Flower and Plant Co.

GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO. Greenhouses: Pleasant Hill, Mo.

WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

Mention The Review when you write.

ONE DOLLAR FIFTY PER 1000 FOR BRONZE GALAX LEAVES, Delivered NOW FREE

anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

Mention The Review when you write.

PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

SEND FOR PRICE LIST.

Mention The Review when you write.

PLANTS TO CLOSE OUT.

	Per 100
5,000 Geraniums, mixed, 2¼-in.	$ 1.50
5,000 " New De Roo Mitting, 2¼-in., reduced to	10.00
1,000 " Jean Viaud, 3-in.	10.00
2,000 Marguerites, white, 2-in.	2.00
2,000 " " 2¼-in.	3.00
7,000 Cigar Plants, 2¼-in.	1.50
7,000 Sedum Variegatum, 2¼-in.	1.50
5,000 California Moss, 2½-in.	1.50

	Per 100
1,000 California Ice Plant (new), 2¼-in.	$ 5.00
10,000 Asparagus Plumosus Nanus, from flats	2.00
5,000 Geraniums, mixed, 3-in.	5.00
1,000 Asparagus Sprengeri, 3½-in.	5.00
2,000 Smilax, from flats	.25
5,000 Nasturtiums, dwarf, also tall, 2½-in.	1.00
1,000 Dracaena Ind., strong, 4½-in.	15.00
2,000 Lobelias, Crystal Palace Gem, 2½-in.	1.50

The above plants are A No. 1. (CASH.) 5 plants at 100 rate.

THE MORRIS FLORAL CO. Morris, Ill.

Mention THE REVIEW when you write.

Geraniums! ...Coleus!

10 varieties, 2¼-inch pots, $3.00 per 100.
10 varieties, 3½-inch pots, $4.00 per 100.

Alternantheras Per 100
Yellow $1.50
Red 2.00

Asparagus Per 100
Sprengeri 2.00
Plumosus 2.50
Decumbens 10.00

15 varieties, 2¼-inch pots, strong, $2.00 per 100.

	Per 100
Vinca Vines, green leaves, 2-in. pots, to close out	$1.50
Centaurea Gym.	2.00
Petunias, double and single	3.00
Pansy, small seedling, 1000, $3.00	.50
Smilax, 2-in. pots, per 1000, $10.00	1.00

CASH OR C. O. D. JOS. H. CUNNINGHAM, Delaware, Ohio.

Mention THE REVIEW when you write.

Carnation Blooms!

Extra Select, 3c. Fancy 1½ to 2c.

CHICAGO CARNATION CO., - JOLIET, ILL.

Mention The Review when you write.

One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazen, Jean Laher, Prediction, Jules Claretie, Apotheose, La Fraicheur, Cimarosa, Emanuel Arene, Manteau De Feu, Mme. Gloyeux, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Viaud, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2½ and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink**, for **$2.50.** Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heterantire, Nutt, Mme. Bruant, W. H. Bailey, etc., at **$5.00** per hundred.

W. E. HALL, CLYDE, OHIO.

Mention THE REVIEW when you write.

Roses Grown for the Trade....

We believe in shifting Young Roses often. All stock offered in 2¼-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

Special in Wootons, Perles, American Beauties, La France, Belle Siebrecht, Kaiserin, Meteor, Golden Gate, Brides, Maids, etc.

We make a specialty of GERANIUMS in 4-in., Red, Pink, White and Salmon.

SMILAX in 2 and 2½-inch. Extras.

CANNAS in 4-inch

VINCAS, PELARGONIUMS, etc.

Write us about BOSTON FERNS.

COLEUS, Red, Yellow or Mixed.

Send 50c. or $1.00 for samples of what you want.

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

Shipping Flowers and Plants can be done as such should be done only by using the "Meteor" Tag or Label for Flower trade, and the "Geranium" Tag or Label for Plant business. In natural colors. Samples free.

DAN'L B. LONG,

Publisher, Buffalo.

Mention THE REVIEW when you write.

Always Mention the.... Florists' Review When Writing Advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. Eclipse, Souv. de Bonn, $2.50 per 100. C. L. Reese, Springfield, Ohio.

AGERATUM.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum Blue Beauty, from flats, in bud, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Ageratum, 2½-in., 4 sorts, $1.50 per 100. Good & Reese Co., Springfield, Ohio.

ALTERNANTHERA.

Alternantheras. Red; strong, bushy plants, well colored, 3 to 4-in. in dia., $5.00 per 1,000. Strong rooted cuttings ready for open ground, red and yellow, $3.00 per 1,000; 2,000 for $5.00. Dickerson & Belden, Box 275, Miami, Fla.

Alternantheras, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Good bedding vara., $1.75 per 100; $15.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Alternantheras, red and yellow, well rooted cuttings, 60c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternanthera aurea nana, rooted cuttings, 50c per 100; $4.50 per 1000, prepaid. Cash. G. W. Weatherby, Chillicothe, Mo.

2000 alternantheras, 3 kinds, September rooted, choice plants, 60c per 100. Cash. Theo. Fuhr, Beloit, Ohio.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

ALYSSUM.

California Giant, for vases and baskets, and Little Gem, for borders, 2½-in., $1.25 per 100; $12.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Alyssum, dwarf, 2-in. pots, in bloom, $1.50 per 100. Cash. Jas. Ambracher, Long Branch, N. J.

Alyssum, Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AQUATICS.

Hardy water lilies; also the sacred lotus and its varieties. Egyptian lotus by mail, 50c each; extra large tubers by express $1.00 each. Catalogue free. W. J. Richards, Wayland, Ohio.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.60	3.00
Sprengeri	3-inch	1.00	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus nana, strong 2¼-in., $3.00 per 100, $25.00 per 1000; from flats, $2.00 per 100, $18.00 per 1000. Sprengeri, 6-in. pots, $2.00 per doz., $20.00 per 100; 2½-in., $2.00 per 100, $18.00 per 1000. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00 per 100 prepaid. Sacramento satisfactory delivery guaranteed. Cash. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Fresh seeds of A. plumosus nanus, 85c per 100, $6.50 per 1000, $30.00 per 5000. A. Sprengeri, 35c per 100, $2.00 per 1000, $9.00 per 5000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, from flats, $2.00 per 100. A. Sprengeri, 2½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Asparagus plumosus nanus, 2,000 strong, well grown seedling plants, $1.50 per 100; $12.50 per 1,000. Every one a good plant.
Law Floral Co., Shelbyville, Ind.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 50c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Fresh Asparagus plumosus nanus seed from our own plants, 75c per 100; $6.00 per 1,000 prepaid. Wonsetler Greenhouses, Bryan, Ohio.

Asparagus plumosus nanus seed, new crop now ready, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus, per 100: Sprengeri, $2.00; plumosus, $2.50; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus, from flats, $1.75 per 100; $15.00 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

500 Asparagus Sprengeri, extra strong, 2½-in. pots, $2.00 per 100; 3-in., $3.00 per 100.
Geo. Just, Jacksonville, Fla.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

A. Sprengeri, 3-in., extra strong, $4.00 per 100. Brown & Canfield, Springfield, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, $1.00 per 100. E. I. Rawlings, Quakertown, Pa.

ASTERS.

Asters, transplanted plants, Victory, mixed; Semple's Branching, mixed; Giant Comet, mixed; Truffaut's Perfection, mixed, at 50c per 100; $4.00 per 1000. Cash please. T. C. Breece, West Berlin, Ohio.

Ostrich Feather, white, ditto pink, Giant Branching mixed, and Daybreak; Semple's Branching, in five colors, 60c per 100. After May 15, Semple's at $2.50 per 1,000.
A. & G. Rosbach, Pemberton, N. J.

Asters, white, pink and lavender, best strain for cut flowers, 1½ in. pots, $1.50 per 100. C. L. Reese, Springfield, Ohio.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100.
Samuel C. Moon, Morrisville, Pa., Box Co., Pa.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BANANAS.

Bananas planted now at the north grow 8 or 10 feet high by winter, when they can be dug, placed in cellar until spring. Then reset and they begin at once to grow, and produce an indescribably beautiful bloom, which lasts 4 to 6 weeks, and is sometimes followed by regular bunch of bananas. They are the most tropical in appearance and yet the most easily and quickly grown of all plants. To reduce surplus for next 30 days will mail good bulbs for 15c; doz. for $1.00.
South Florida Nursery Co., Dade City, Fla.

BEDDING PLANTS.

COLEUS.	1,000.	100.
Golden Queen or Bedder	$4.00	$0.50
Crimson Verschaffeltii	6.00	.70
25 other varieties	5.00	.60
Alternantheras, A. Nana	5.00	.60
Heliotropes, 12 varieties		1.00
Salvia Splendens, Scarlet and Silverspot.		1.00
Cuphea, Cigar Plant		.75
Sweet Alyssum, Giant Double		.60
Variegated Alyssum		.60
Ageratums, Stella Gurney and others		.50

The above are rooted cuttings. By mail, 25c per 100 extra.

Geraniums, Nutt and others, 2-inch pots, $2.50 per 100; our selection, per 100 ..... $2.00
Ivy Geraniums, 12 varieties, 2-in. pots, per 100 ..... 3.00
Heliotropes, 2-in. pots, per 100 ..... 1.50
Vinca Variegated, 2-in. pots, per 100 ..... 2.00
Vinca Variegated, 4-in. pots, per 100 ..... 8.00
Pelargoniums, Mrs. Victor and Robert Sandiford, 4-in. pots, per 100 ..... 10.00
Cash with order.
C. A. HARRIS & CO., Delanson, N. Y.

Geraniums—Good varieties, 4-in. pots, $6.00 per 100; 3-in. pots, $3.00 per 100.
Heliotrope—4-in. pots, $5.00 per 100.
Cannas—Mixed, 3½ in. pots, $5.00 per 100.
Vinca Major var.—2½-in. pots, $3.00 per 100.
Cash with order, please.
G. RUMMLER, Nyack, N. Y.

5,000 geraniums from 4½-in. down to 3-in., 30,000 pansies, finest colors, mixed; 5,000 daisies, white and red and 20 other varieties for bedding, all strong and healthy plants. I want to sell them at wholesale. Ludwig Mosback, 6200 Anthony Ave., near So. Chicago Ave., So. Chicago, Ill.

Here I am again with a large assortment of the finest Bedding Plants ever grown, suitable for planting, at remarkably low prices. Now is the time to order such plants. The following plants out of 4 inch pots.

Geraniums, fine plants, such as Le Pilot, Mme. Thibaut, Bruant, and other leading varieties, in white and assorted colors, from $6.00 to $7.00 per 100. Rose Geraniums, nice plants, $8.00 per 100. Ivy Geraniums, $8 per 100.

Nasturtiums, fine plants, all colors, $7.00 per 100.

Heliotropes, $7.00 per 100.

Ageratum (blue), $7.00 per 100.

Periwinkle, fine plants, $1.00 per doz.

Begonia Vernon, $10.00 per 100.

Begonia Erfordi, pink, the favorite of Switzerland. They are just beautiful and always covered with flowers, make fine beds, looking something like Begonia Vernon, 25 cts. each; $3.00 per doz.

The following plants out of 2¼ and 3-in. pots: Cobaea Scandens, fine plants, 3-in. pots, $8.00 per 100.

Coleus, best mixed colors, $3.00 per 100.

Trailing Lobella, $3.00 per 100.

Alyssum, Little Gem, $3.00 per 100.

Verbenas, all bright colors, $3.00 per 100.

Petunia, single, $3.00 per 100.

Alternantheras, red and yellow, $3.00 per 100.

I am the largest grower of Moon vines in the United States; have about 100,000.

A. W. Smith's Hybrid Ipomaea Noctiflora, flowers as large as a saucer and pure white, look like wax, 2½-in. pots, $5.00 per 100; 4-in. pots, $8.00 per 100.

The above plants will be taken out of the pots, unless otherwise mentioned.

Araucarias, fine plants, 50 cts., 60 cts., 75 cts., $1.00 and $1.50 each.

Dracaena Indivisa, imported and home-grown, beautiful plants, 6-in. pots, 50 cts. each.

Corrypha Australis, the best house palm, stand knocking about, only 60 cts. each.

Kentia Belmoreana and Forsteriana, fine plants, in 5½ and 6-in. pots, 75 cts. each.

Cash with order, please.

GODFREY M. SCHMANN, 1012 Ontario St., Rising Sun, Philadelphia, Pa.

Special prices on bedding plants. Per 100: Geraniums, best var., 2½-in., $2.00; 3-in., $3.00; 4-in., $4.00.

Coleus, 12 varieties, 2¼-in., $1.50.

Achyranthes, red and green, 2-in., $1.50.

Golden Feverfew and Dusty Miller, 2-in., $1.50.

Ageratums, 2¼-in., $1.50; 4-in., $3.00.

Scarlet salvia, 2½-in., $2.00.

Marguerite daisies, 4-in., $3.00.

Alyssum, double, 2-in., $1.50.

Eranthemum, tricolor, 4-in., $3.00.

Alternantheras, two colors, 2½-in., $2.00.

Verbenas, 2-in., $1.00.

Begonia vernon, 2-in., $5.00.

Lobellas, extra heavy, 2-in., $2.00.

Verbena mammoth, $1.50.

Phlox, 2-in., $1.00.

Cannas, good varieties, 4-in., $4.00.

Moonvine, 2½-in., $4.00.

Cobea scandens, 4-in., $4.00.

C. L. Brunson & Co., Paducah, Ky.

	In Pots.	100.	1000.
Alternanthera, red and yellow	2	$1.50	
Carnation Flora Hill, from flats		1.25	$9.50
Carnation L. McGowan, from flats		1.00	7.00
Carnation Wm. Scott, from flats		1.00	7.50
Cuphea Platycentra	2	2.00	
Dracaena Indivisa	3½	5.00	
Feverfew	2	1.50	
Fuchsia	2	2.00	
Geranium Mme. Salleroi	3½	3.50	
Heliotrope	2	2.00	
Ivy, German	2	2.00	
Lobella, C. P. Compacta	2	1.50	
Pansies, large plants			4.00
Petunias, double, finest, lg. fg.	3	2.50	18.00
Roses, Brides	2	2.00	
Roses, Maids	2	2.00	18.00
Salvia Splendens and Bonfire	2	1.50	
Verbenas	2	1.50	

Write for prices on larger pots.
THOS. McALLISTER & CO., Batavia, Ill.

Send for our surplus list of bedding plants.
Phoenix Nursery Co., Box 625, Bloomington, Ill.

Centaurea gymnocarpa, $2.50 per 100. Cash
Jos. H. Cunningham, Delaware, Ohio.

Centaurea gymnocarpa, $2.50 per 100. C. L. Reese, Springfield, Ohio.

BEGONIAS.

Begonias—Tuberous-rooted	Per 100.	Per 1,000.
Single, bulbs 1¾-in. and up, all colors mixed	$2.25	$18.00
Double, large bulbs, 1½-in. and upward: White, red, pink, yellow, orange and all colors mixed	3.50	30.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Double tuberous-rooted begonias. We offer a grand lot of these at an exceptionally low price. No better begonias are obtainable, and we offer them at an exceedingly low price. We can furnish them in five separate colors, white, pink, scarlet, yellow, and crimson. $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Begonia Rex, 3-in., $5.00 a 100; 4-in., $8.00 a 100. The above stock is in extra fine condition and should be shifted immediately. A large assortment of the best varieties. Nathan Smith & Son, Adrian, Mich.

Begonias. 1500 Carnots, Thurstoni, Argenteo-guttata, etc., 3 and 4-in., superfine in quality, at 4 to 8c. A bargain, as they are extra large and absolutely perfect. E. I. Bradley, Murphysboro, Ill.

Begonias. Pres. Carnot, Argentea Guttata, Bertha de Chateaurocher, Foliosa, Fairy, $3.00 per 100. Manicata aurea, 3-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

Begonia Vernon, Erfordii, Sandersoni, pictas and mixtures, first class 2 and 2½-in., $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonias Vernon, Vulcan, Rosea and Alba, 2 and 3-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

Begonia manicata aurea, 2-in., 50c per doz. N. O. Caswell, Delavan, Ill.

Rex begonias, $5.00 per 100. I. N. Kramer & Son, Cedar Rapids, Iowa.

BOUGAINVILLEA.

Bougainvillea, fine plants, 4-in. pots, $2.00 a doz.; extra large plants, 50c each. John G. Heinl & Son, Terre Haute, Ind.

BOUVARDIA.

Bouvardias, $3.00 per 100. Levant Cole, Battle Creek, Mich.

Send in your order now for a copy of the Florists' Manual.

BULBS.

A BIG DROP IN PRICES. Holland hyacinths, tulips, narcissus, spiraeas, etc. Orders now booked for fall delivery. Bulbs supplied at grower's prices in Holland. Also Roman Hyacinths, Narcissus, Paper White Grandiflora, Freesias, Lilium Harrisii and Longiflorum, calla lilies, Chinese narcissus, Japanese fern balls, Berlin Lily of the Valley, Imported Hardy Roses, Rhododendrons, Azaleas, Clematis, Tree Roses, Crimson Ramblers, American Roses, field-grown on own roots, Snowballs, Hydrangeas, and all ornamental nursery and fruit tree stock, from Holland, France and Japan. Florists, seedsmen, superintendents of parks, cemeteries and public institutions will find it to their advantage to send me an estimate of their wants before purchasing elsewhere.

Bargains to close out for immediate delivery; quantity, limited: Excelsior Dwarf Pearl Tuberoses, first size, first quality, per 1,000, $3.75; 600 for $2.00. Cash with order.
C. H. JOOSTEN, 85 Dey St., NEW YORK.

CALADIUM ESCULENTUM.

	Per 100.	Per 1,000.
Bulbs, 5 to 7 in. in circumference..	$1.50	$12.50
Bulbs, 7 to 9 in. in circumference..	2.50	20.00
Bulbs, 9 to 11 in. in circumference (monsters)	3.50	40.00
Bulbs, 12 in. and over (monsters)...	10.00	

TUBEROSES (Excelsior Pearl).

	Per 100.	Per 1,000
Strictly first size bulbs, 4 to 6 in. around, 5,000 for $20.00	$0.60	$4.50
Albino, or branching tuberose, 4 to 6 in. bulbs	.90	8.00
Variegated Leaf	.90	8.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

TO CLEAN UP.
Caladium Esculentum. 5-7 size, 100, $1.25. Have about 2,000 bulbs of these.
PLANT SEED CO., St. Louis, Mo.

Tuberose Pearl. Extra quality bulbs, 75c per 100; $6.00 per 1000. Fancy-leaved Caladiums; 12 finest named varieties, $12.00 per 100. Caladium Esculentum; large bulbs, 6 to 9 inches in circumference, $3.00 per 100. Extra sized bulbs, 9 to 12 inches in circumference, $6.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; $2.50 per 100. A few vinca minor left at $1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, $1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Lilies at [illegible] 20,000 cold [illegible] ready July. Special forcing varieties [illegible] ease; 16 weeks does the trick easy. [illegible] 7 [illegible] $5.00 per 100, $40.00 per 1000, f. o. b. Victoria, B. C. Edw. Alex. Wallace, Invertavish Nursery, Victoria, B. C.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Ismene calathina. Splendid summer lily. Flowering bulbs, 1st size, $10.00; 2d size, $8.00 a 100. John G. Heinl & Son, Terre Haute, Ind.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Wholesale Bulb Growers. R. Van der Schoot & Son, Hillegom, near Haarlem, Holland.

CANNAS.

Cannas, well established in 3 and 4-in., $6.00 per 100; $50.00 per 1000: Pres. McKinley, Florence Vaughan, Tarrytown, J. C. Vaughan, Henderson, Egandale, Pierson's Premier, Duke of Marlborough, Souv. de Antoine Crozy, Chicago, Queen Charlotte, Comte de Bouchard. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Cannas Queen Charlotte, Austria, Chas. Henderson, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Flamingo, Papa, Burbank and Philadelphia, fine, started plants, from 3-in. pots, $5.00 per 100; 4-in., $6.00 per 100. National Plant Co., Dayton, Ohio.

Cannas—Large dormant roots. Austria, clear yellow, grand foliage, Grand Rouge, bronze foliage variety, 50c per doz.; $2.00 a 100; $15 a 1,000. CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

The new red canna, Admiral Dewey, extra large flower and truss, free and continuous bloomer. Strong started plants, $20.00 per 100. Harkett's Floral Nursery, Dubuque, Ia.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1000. Austria, strong plants from pots, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas. 650 fancy quality 4-in. cannas in best varieties named, at 6c in assortment. The lot for $40.00 cash. E. I. Bradley, Murphysboro, Ill.

Cannas Chas. Henderson, Pres. Cleveland, Antonin Crozy and others, 3-in., strong plants, $4.00 per 100. James Frost, Greenville, Ohio.

Cannas, best French var., from soil, ready for 4-in., $3.50 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Canna Mrs. Kate Gray, $2.50 per doz.; 100 plants, 4 and 5-in. pots, fine, $20.00. C. G. Nanz, Owensboro, Ky.

Cannas—Burbank, from sand bed, well rooted, $2.00 per 100. W. W. Dedrick, Ashley, Ind.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Austria, strong, started plants, $3.00 per 100. C. L. Reese, Springfield, Ohio.

Cannas, in 4-inch. Write Geo. A. Kuhl, Pekin, Ill.

CAREX.

Carex japonica, fine for vases, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

Norway, the queen of white carnations, stock all sold until May 1st. Place your orders now for May delivery. Egypt, a scarlet crimson of great promise, eclipsing all other dark carnations. Above two varieties, $1.50 per doz., $10.00 per 100, $75.00 per 1000. Genevieve Lord, the greatest money-making pink, $5.00 per 100, $50.00 per 1000. H. Weber & Sons, Oakland, Md.

Carnation pot plants, well established, ready to plant out. Per 100: Genevieve Lord, Marquis, Morning Glory, $4.00; Crocker, Crane, $3.00; Mary Wood, F. Hill, F. Joost, $2.75. Harkett's Floral Nursery, Dubuque, Iowa.

Carnation rooted cuttings. Ethel Crocker and Mary Baker, $2.50 per 100, $20.00 per 1,000; Flora Hill and Triumph, $1.50 per 100, $12.50 per 1,000; Marquis, $3.00 per 100; Crane, $2.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

ROOTED CARNATION [illegible]. All [illegible] under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	[illegible]	1,000.
[illegible] Angel	[illegible]	[illegible]
[illegible]	[illegible]	25.00
[illegible] Lord	[illegible]	25.00
[illegible]	[illegible]	25.00
[illegible]	[illegible]	25.00
[illegible]	[illegible]	17.50
[illegible]	[illegible]	12.50
[illegible]	[illegible]	9.00
[illegible]	[illegible]	9.00
[illegible]	[illegible]	9.00
[illegible] Joost	[illegible]	9.00
Cerise Queen	[illegible]	9.00
Gov. Griggs	[illegible]	9.00
White Cloud	[illegible]	10.00

PETER REINBERG, [illegible] Wabash Ave., Chicago, Ill.

Carnations. Strong stock
Frances Joost, $1.50 per 100; $1[illegible] per [illegible]
Gen. Gomez, $2.00 per 100; $15.00 per 1,000.
McGowan, $1.00 per 100; $9.00 per 1,000
Wm. Scott, $1.00 per 100; $9.00 per 1,000.
All extra fine.
Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100, $60.00 per 1000; Estelle, $6.00 per 100, $50.00 per 1000; Marquis, Lord, Elm City, $5.00 per 100, $40.00 per 1000; Crocker, America, L. Paul, $2.50 per 100, $23.00 per 1000; Hill, $2.00 per 100, $15.00 per 1000; Armazindy, Evanston, Dana, Meteor, Victor, $1.00 per 100, $10.00 per 1000. Dana R. Herron, Olean, N. Y.

Rooted cuttings from soil, well hardened; ready to plant. As good as 2½-in. plants. Per 100: Crane, $2.50; Pingree, $2.00; Crocker, $1.50. Cash. H. L. Phelps, Springfield, Ill.

The Queen Louise carnation is the best white variety ever introduced. A continuous bloomer. Rooted cuttings, $10.00 per 100; $75.00 per 1,000. J. L. Dillon, Bloomsburg, Pa.

Strong 2½-in. plants at $2.00 per 100; 1200 Scott, 400 McGowan, 150 Jubilee, 150 Daybreak, 100 Crane, 150 Ivory. Cash, please. J. N. Kidd, St. Joseph, Mo.

Strong plants of carnations Ethel Crocker, Genevieve Lord and Gen. Gomez at $2.00 per 100. C. L. Reese, Springfield, Ohio.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Prosperity, the largest fancy carnation. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Rooted carnation cuttings. All the best varieties. Geo. Hancock & Son, Grand Haven, Mich.

Three good pinks, Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.
Albert M. Herr, Lancaster, Pa.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz.; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums from soil and 2½-in. pots, $2.00 per 100, $17.50 per 1000: Mrs. H. Robinson, Golden Wedding, Ivory, Major Bonnaffon, Pacific, White and Yellow Monarch, Bergman, Woodford, Lady Fitzwygram, Helen Bloodgood, J. G. Whilldin and others. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Mrs. H. Robinson, Mrs. E. G. Hill, Golden Wedding, Maud Dean, Ivory, Marion Henderson, E. Dailledouze, Major Bonnaffon and many other fine varieties. Write for circular. Rooted cuttings and from 2¼-in. pots, $2.00 per 100. A. D. Montgomery, Hazleton, Pa.

Bonnaffon, Queen, Jerome Jones, Bergmann, Perrin, Autumn Glory, Adele, Oct. Sunshine, Yanoma, Robt. Halliday, Mrs. H. Weeks, Wanamaker, Ivory and Button, good 2-in., $2.50 per 100; $20.00 per 1000. Ben L. Elliott, Cheswick, Pa.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

CHRYSANTHEMUMS—Continued.

Rooted cuttings in good condition, Willowbrook, best early, large white, $2.00 per 100. Ivory, Golden Wedding, Pacific, Bonnaffon, Maud Dean, Mrs. Jerome Jones, $1.50 per 100. David Scott, Fredonia, N. Y.

All standard varieties, rooted cuttings, $1.00 per 100; $9.00 per 1,000. White and Yellow Monarch and Wm. Simpson, from 2¼-in. pots, $2.00 per 100. Cash please. E. Leuly, West Hoboken, N. J.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

Chrysanthemums, 2½-in. stock and rooted cuttings. For list of varieties and prices see display adv. in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Rooted cuttings of Bonnaffon and other leading chrysanthemums, $1.00 per 100; $8.00 per 1000. E. Volmer, 86 Palisade Ave., West Hoboken, N. J.

CLEMATIS.

Clematis Paniculata.	Per 100.	Per 1,000.
No. 1	$ 6.00	$ 50.00
3 years old	7.25	70.00
Extra size	9.00	80.00
Double extra	12.00	110.00
One year, very fine	2.50	20.00

The Elizabeth Nursery Co., Elizabeth, N. J.

Clematis paniculata, strong, 5-in., 10c; clematis, purple, white and lavender sorts, 3-yr., 30c; 2-yr., dormant or from 5-in., 18c; fine 1-yr. at moderate price. W. H. Salter, Rochester, N. Y.

100 Clematis paniculata, 1 year, transplanted, $1.25, mailed free. John H. Ley, Good Hope, D. C.

Clematis, strong 2-year, in 4 and 6-in. pots, $2.00 per doz. F. A. Baller, Bloomington, Ill.

COBÆA.

Cobaea scandens, nice stock, 2-in., $2.00 per 100. W. Bierstadt & Son, Springfield, Ill.

If you read these advs. others would read yours.

COLEUS.

Coleus, 2¼-in., $1.50 per 100, $15.00 per 1000; 25 varieties, mixed; all top cuttings, well established; ready to pot up and propagate and guaranteed satisfactory in every particular. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Giant Leaved, showiest of all coleus, $1.00 per 100. Brightest Fancy, none better, 50c per 100; $5.00 per 1,000. Dwarf Scarlet, gold edge, extra fine, 60c per 100. By mail add 10c per 100. Daniel K. Herr, Lancaster, Pa.

Extra fine lot, 25 varieties, 2-in., $1.60 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Golden Bedder and Verschaffeltii, 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Verschaffeltii, Golden Bedder, Yellow Queen or mixed. Rooted cuttings or 2-in. pots. Write Geo. A. Kuhl, Pekin, Ill.

Coleus, rooted cuttings, standard and fancy sorts; cheap. Cash with orders. David Scott, Fredonia, N. Y.

Coleus rooted cuttings, 60 new choice varieties, 55c per 100. Cash with order. Theo. Fuhr, Beloit, Ohio.

Coleus, fine bedding varieties, 2 and 2½-in., $2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Coleus. 15 varieties, 2½-in. strong, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Coleus, best varieties from 2½-in., $2.00 per 100. J. Palmer Gordon, Ashland, Va.

CYCAS.

Cycas revoluta. Dormant stems. The long leaf var. only handled. New importation just arrived. Please state with order what size wanted, from ¼ lb. to 30 lbs. Per 100 lbs., $8.00; 500 lbs., $37.50; 1000 lbs., $70.00; 2000 lbs., $130.00. F. W. O. Schmitz, Jersey City, N. J.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas revoluta, long-leaved sort, $8.00 per 100 lbs., in from 1 to 15 lbs. H. H. Berger & Co., 47 Barclay St., New York.

Cycas revoluta, dormant, $10.00 per 100 lbs. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen grand, spl. in different colors, all labeled; twice transplanted, extra strong, $5.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100, $20.00 per 1000. C. Winterich, Defiance, Ohio.

DAHLIAS.

Dahlias. Large field clumps.	Per 100.	Per 1,000.
Cactus, show and fancy double mixed, all colors	$ 3.50	$30.00
Storm King, finest white for cutting.	15.00	

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Dahlias. Dormant roots of Storm King, Livoni, Penelope, Ruby Queen, Frank Smith, Catherine, etc., in assortment. $6.00 per 100. E. Sexton, Delmar, N. Y.

DAISIES.

Marguerite, rooted cuttings. Per 100: California White, $3.00; Giant White, $4.00; Common White, $2.00. Poehlmann Bros. Co., Morton Grove, Ill.

Marguerites, double yellow, $2.00 per 100; $17.50 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Marguerites, white, 2¼-in., $1.25; 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

Dracaena indivisa, 3-in., $6.00; 4-in., $10.00; 5-in., $12.00 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Candy, Langhorne, Pa.

Dracaena indivisa, 4½-in., $15.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Dracaena indivisa, strong 4-in. pot plants, $12.00 per 100. B. B. Blair, Charlevoix, Mich.

Dracaenas, 4-in. pot plants, $1.50 per doz. A. & G. Rosbach, Pemberton, N. J.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size Pot.	Per Doz.	Per 100.
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	6-inch	2.00	15.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica albo-lin	2-inch	.50	4.00

The above from 2-inch pots are just right for fern dishes.
THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100 ferns from flats, nice plants, 6 good sorts, $1.25, mailed free; $10.00 per 1,000 by express. 100 Boston ferns, strong, 3-in. pots, $4.00. John H. Ley, Good Hope, D. C.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.50 per 100, $30.00 per 1,000. J. F. Kidwell & Bro., 3806-24 Wentworth Ave., Chicago.

Polystychum proliferum (lace fern), the best general purpose fern in existence; 3-in., pot size, $7.00 per 100. A. & G. Rosbach, Pemberton, N. J.

Fifty beautiful varieties from the southern states; also British from Devon and Cornwall. Fine specimen plants. B. B. Baker, Norwood, Ontario.

Boston ferns, 2½-in., 50c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 3-in., $1.00 per doz. A. J. Baldwin, Newark, Ohio.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 3½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Extra strong N. exaltata, ready to pot up, 2, 2½ and 3-in., at $2.00, $2.25 and $2.75 per 100. N. O. Caswell, Delavan, Ill.

Home-grown, fine, clean stock. Send for price list. J. B. Heiss, Dayton, Ohio.

Strong Pteris tremula, out of 2-in. pots, $2.50 per 100. Mrs. E. Kuntz, Frankfort, Ind.

1,000 Boston ferns, 2½-in., ready to shift, $4.00 per 100. Geo. Just, Jacksonville, Fla.

Boston ferns, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

FEVERFEW.

Feverfew Little Gem, 2½ and 3-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

FRUIT PLANTS.

Strawberry plants. Well-rooted young plants, securely packed to be shipped by express. Saunders, Sharpless, Gandy, Bubach, Marshall, Pride of Cumberland, Greenville, Excelsior, Darling, Bismarck, Jessie Ridgeway, Manwell, Gandy Belle, and Wolverton, at 50c per 100, $2.00 per 1,000. Not more than three varieties in 1,000, at 1,000 rates. Barton's Eclipse, Bederwood, Seafordt Elenor and Crescent at 50c per 100; $1.50 per 1,000. Not less than 500 of a variety at 1,000 rates. Miller Rush, strong plants, 75c per 100; $4.00 per 1,000. Chas. Black, Hightstown, N. J.

Josselyn, or Red Jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Baller, Bloomington, Ill.

FUCHSIAS.

Fuchsia, double, $1.50 per 100; $12.50 per 1,000; single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Fuchsias, single and double, best varieties, mixed, 3-in., $4.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Fuchsias, 2½-in., nice plants, single and double, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

GERANIUMS.

Headquarters for Geranium Seed! "Good Venture" mixture, 25 new large-flowering sorts, 50c per trade pkt.; $5.00 per oz. Large-flowering White, large-flowering Pink, $2.00 1000 seeds. Large-flowering Crimson, Crimson-flamed Scarlet, each, $3.00 per 1000 seeds. Large-flowering Scarlet, with white eye, $1.25 per 1000 seeds. Souv. de Mirande, $2.00 per 1000 seeds. Mme. Bruant and Fleur Poitevine, each, 30c per 100 seeds. Large-flowering Double, special mixed, 75c per 100 seeds. Bronze and Gold, $1.75 per 1000 seeds. Gold and Silver Tricolor, 50c per 100 seeds. Ivy, single mixed, $3.00 per 1000 seeds; double mixed, 50c per 100 seeds. Theodosia B. Shepherd, Ventura-by-the-Sea, Cal.

2,000 geraniums, best bedding var., 2¼-in., $2.00 per 100; $15.00 per 1,000. S. A. Nutt, Mrs. E. G. Hill, B. Poitevine, Kelway, Mme. Jaulin, C. of Castris, Mme. Bruant, A. Ricard, Dbl. Grant, Fleur Poitevine, Ky. Bell and others. Mrs. Pollock and Happy Thought, 3½-in., $8.00 per 100. Rose geraniums, Nutmeg, Shrubland Pet and Mrs. Taylor, 3-in., $2.00 per 100. Geraniums, best bedding var., 3½ and 4-in. pots, $5.00 per 100. C. G. Nanz, Owensboro, Ky.

Geraniums in bud and bloom; 16 of the best standard vars., such as S. A. Nutt, Beaute Poitevine, A. Ricard, Dbl. Grant, E. G. Hill, John Doyle, Mme. Jaulin, Mars, La Favorite, A. Kelway, Countess de Harcourt, from 4-in. pots, $6.00 per 100, $50.00 per 1000. Above sorts in 2½-in., $3.00 per 100, $25.00 per 1000. Rooted cuttings, $15.00 per 1000. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Despres, Jean Viaud, Clyde, etc., from 2¼ and 3-in. pots. A collection of 25 varieties, including one Little Pink for $2.50. Also standard varieties from 3-in. in bud and bloom, for bedding and market purposes. Marvel, Nutt, Mme. Bruant, etc., $5.00 per 100. W. E. Hall, Clyde, Ohio.

GERANIUMS.
FINE ASSORTMENT
2½-INCH POTS,
$2.00 PER 100.
CASH.
G. W. WEATHERBY,
CHILLICOTHE,
MO.

Geraniums. Strong rooted cuttings of the following superb varieties: Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruant, La France, Mrs. J. M. Gaar and La Favorite, $1.50 per 100; $14.00 per 1,000. Rose geranium and Mme. Salleroi, 2½-in., $2.00 per 100. Buckley Plant Co., Springfield, Ill.

Geraniums, leading varieties, all in bud and bloom, 2-in., $2.00; 2½-in., $2.50; 3-in., $3.00 per 100; by the 1000 at same rate. We have strong bushy plants of Mme. Salleroi in 2¼-in. at $1.75 per 100. These plants are all in No. 1 condition and will be well and lightly packed and low express rates obtained. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Geraniums. 20 best varieties, extra strong, fall rooted, 3½ and 4-in., 1 to 3 buds and blooms each. Your choice of color, single or double. $6.00 per 100. No better at any price. Money back if not pleased. J. G. Reynolds & Son, 136 W. Pultney Street, Corning, N. Y.

Geraniums, fine plants, well budded or in bloom, of Red Bruant and Dbl. Grant, 4-in., $5.00 per 100. Nutt and La Favorite, $6.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Geraniums of the following varieties, fine shape, 4-in., $5.50 per 100; $50.00 per 1,000: Ricard, Nutt, Poitevine, John Doyle, La Favorite, Hill, F. Perkins, La France. Cash please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

2500 fine assorted Geraniums from 4-in. pots: Mme. Jaulin, Double Gen. Grant, E. G. Hill, S. A. Nutt, Mme. Bruant and others, $5.00 per 100. Lady Campbell Violet Runners, $4.00 a 100. Cash. R. Pabst, Rutledge, Del. Co., Pa.

Geraniums, mixed varieties; pink, white and scarlet, double Red of Gould, La France, Wonderful and other varieties, all good bedders. Write for prices. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Geraniums. Per 100: Mixed, 2½-in. $1.50, 3-in. $5.00; De Roo Mitting, 2½-in. reduced to $10.00; Jean Viaud, 3-in. $10.00; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Geraniums. S. A. Nutt, Hill, single and double Grant, A. Ricard, 2½-in., $2.50; 3-in., $3.50; 3½-in., $4.00; 4-in., $5.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Fine Geraniums from 4-in. pots, in bud and bloom; best standard varieties of white, pink, red, scarlet and salmon at $6.00 per 100. National Plant Co., Dayton, Ohio.

Geraniums. Per 100: S. A. Nutt, Beaute Poitevine and Mme. Bruant, strong, 4-in., $6.00; Mme. Salleroi, strong, 3-in., $3.00. B. B. Blair, Charlevoix, Mich.

Geranium, Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Shrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Extra fine S. A. Nutt and Bruant, in bloom, 4-in., $7.00 per 100; 2½-in., $5.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

S. A. Nutt, 2¼-in., $3.50 per 100. Mme. Salleroi, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, L. I.

Nutt, Poitevine, Ricard, Dbl. Grant and Ivy, extra strong 4-in., $6.00 per 100; Rose, 4-in., $4.00. W. S. Herzog, Morris Plains, N. J.

500 geraniums. Montmort, Castries, Harcourt (dwarf), Happy Thought, G. Hill, etc., 2½-in., $2.50 per 100. Geo. Just, Jacksonville, Fla.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums, best bedding varieties, all colors, mixed, 3-in., $4.00; 4-in., $5.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Geraniums, mixed varieties, fine large, 3½-in. plants, $4.00 per 100. Van Wert Greenhouses, Van Wert, O.

Geraniums, 3 and 3½-in. strong; assorted; best kinds, $3.00 per 100. Brockman & Co., Port Smith, Ark.

Geraniums, 2000 4-in., extra fine stock and varieties, $7.00 per 100. Cash. B. Kramer, Evansville, Ind.

Geraniums, assorted, 2-in., $2.00; 3-in., $5.00; 4-in., $6.00 per 100. Cash, please. J. N. Kidd, St. Joseph, Mo.

Geraniums, 10 varieties, 2½-in., $3.00; 3½-in., $4 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Geraniums. Red, pink, white and salmon. Write Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Gladioli bulbs. Another cut in price. Good mixed, strictly 1st size bulbs, 1½-in., and over in diameter, and containing over 50 per cent white and light types, same as sold elsewhere at $5.00 per 1,000, our price, 60 cts. per 100; $5.00 per 1,000, or 2,000 bulbs for $9.00. American Hybrids, mixed, selected bulbs, $1.00 per 100; $7.50 per 1,000. White and light, for florists, $1.75 per 100; $15.00 per 1,000. May, pure white, $2.00 per 100; $17.50 per 1,000.

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000; 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

Gladioli, mixed, 80c per 100. Levant Cole, Rattle Creek, Mich.

GLOXINIAS.

Gloxinia Hybrida Erecta Crassifolia. We still have on hand a few thousand of these, a grand collection of the finest sorts, all colors mixed, for only $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Gloxinias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

HARDY GARDEN PINKS.

60,000 hardy pink, rooted cuttings from coldhouse; 8 best sorts—Her Majesty, May, Gertrude, Laura Wilmer, Alba fimbriata, Brunette and Juliana, $1.00 per 100 postpaid; $8.00 per 1,000. Satisfaction guaranteed. A. B. Davis & Son, Purcellville, Va.

HARDY PLANTS.

Large stock of Coreopsis and Rudbeckia.	100.	Doz.
Coreopsis Lancelota Grandiflora, large clumps	$ 6.00	$0.76
Rudbeckia Golden Glow, strong division	4.00	.50
Lychnis Chalcedonica, strong clumps	10.00	1.25
Achillea, The Pearl	4.00	.60
Achillea Millefolium Roseum, strong division	4.00	.60
Digitalis, strong plants, 2 years	10.00	1.25
Rooted Honeysuckle	12.00	1.50

Cash with order, please.
W. G. EISELE, Florist, Box 100, West End, N.J.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Rudbeckia Golden Glow, 60c per 100; $5.00 per 1000; 250 at 100 rate. Coreopsis Harvest Moon, strong seedlings, 50c per 100. Perennial phlox, mixed vars., all good; strong 2-in., $2.00 per 100; rooted cuttings, free by mail, $1.00 per 100. C. G. Nanz, Owensboro, Ky.

Hardy fancy ornamental nursery stock specialties at J. Blanuw & Co.'s, the wholesale nurserymen, Boskoop, Holland. When in Europe come and see us and inspect our extensive nurseries. It will decidedly pay you. Gouda is our railroad depot.

For special offer of hardy perennials, see display adv. in this issue. For a full and the most complete list offered in this country, see our current trade list, which was distributed March 20. Henry A. Dreer, 714 Chestnut St., Philadelphia, Pa.

Hibiscus totus alba, hardy shrub, pure white, blooming from June until frost. One-year plants, $2.00 doz. Clevia hybrids, fine imported flowering plants, $5.00, $4.00 and $3.00 doz. John G. Esler & Son, Terre Haute, Ind.

Rhododendrons. We handle only the hardiest ironclad, tested sorts, and can offer fine plants, well budded, in perfect shape, 1½ to 2 ft. high, at $75.00 per 100. F. R. Pierson Co., Tarrytown-Hudson, N. Y.

2000 Norway maples, 2 to 4 inches caliper and 14 to 16 feet in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

Hardy ferns for cultivation. Try them in your planting; they will thrive and increase in beauty where other plants fail. Catalogue of these and other hardy plants free.
Edw. Gillett, Southwick, Mass.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Sweet Williams, finest colors, strong plants, $1.00 per 100; $8.00 per 1,000. Samples free. I want some Storm King dahlias. S. J. Galloway, Eaton, Ohio.

Hardy herbaceous plants. For full list of variegated plants see page in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Dicentra spectabilis, field-grown, $35.00 per 1000. Plantago, red, scarlet, pink, assorted, $50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

The new Deutzia Lemoinei. Fine plants for field in 2½-in. pots. $2.00 per 100, $18.00 per 1000. Jacob Ermann, Rochester, N. Y.

See display adv. for list of hardy herbaceous plants at $5.00 per 100. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

1500 Dwarf Boxwood for sale at $1.00 and $2.00 per 100. Cash with order. John Kready, Mt. Joy, Lanc. Co., Pa.

2,000 good crowns of Golden Glow, field-grown, $2.00 per 100. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

HELIOTROPE.

Heliotrope, rooted cuttings, $1.25 a 100; $10.00 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Heliotrope, good cuttings, $2.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Heliotrope, 2-in., strong, $1.50 per 100. C. G. Nanz, Owensboro, Ky.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

HIBISCUS.

Hibiscus, 10 sorts, extra fine, $4.00 per 100. Good & Reese Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangeas Thos. Hogg and Otaksa, 3-in., $3.00 per 100, $25.00 per 1000. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Hydrangeas Thos. Hogg and Otaksa, 2-in. pots, $2.00 per 100. C. G. Nanz, Owensboro, Ky.

IVIES.

3,000 English Ivy, 4-in., 4 to 5 ft. long, $10.00 per 100; 25,000 rooted cuttings, $1.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

English ivies, 5-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

German ivy, 2-in., $1.00 per 100; rooted cuttings, 60c per 100. Cash. Mrs. Griswold, Worthington, Ohio.

English Ivy, Fine, 3 to 4 feet long, in 4-in. pots, $15.00 per 100. Peter Wink, Ogone Park, L. I.

German ivy, 2½-in., strong, $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

LANTANAS.

Weeping lantanas, fine for baskets and vases, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Lantana, assorted, rooted cuttings, $1.50 a 100; $12.50 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Lantanas, good varieties and weeping, 2 and 2½-in., $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Lantanas assorted, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

LOBELIA.

Lobelia, dwarf or trailing, $2.00 per 100; from soil, very bushy, $1.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Lobelia, rooted cuttings, $1.00 a 100; $8.00 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Lobelia Crystal Palace Gem, 2½-in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, dwarf, also tall, 2½-in., $1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ORANGES.

Otahelte Oranges. Per 100, 2½-in. pots, $2.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 5-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, O.

ORCHIDS.

Closing out orchids. Well established, in first-class condition. Cattleya Labiata, Cattleya Trianae, and other leading varieties at reasonable prices. Write P. B. Meismer, 442 Clarkson St., Flatbush, Brooklyn, N. Y.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch	Inches	No.	Price	Per	Per
pots.	high.	leaves.	each.	10.	100.	1000.
2	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
6	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.40	3.60	35.00	350.00
7	22 to 26	5 to 6	.75	7.00	65.00	.....

3 plants in 8-in. pots, 24 to 27 inches high, 8 to 10 leaves, $1.10 each, $10.00 a 25, $36.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATTSMOUTH, NEB.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 feet in h't and dia., 12 to 14 lvs., $24.00.
J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia, Pa.

PALMS - Continued.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patronage.

KENTIA BELMOREANA.

Size Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	.....	$1.60	$12.00
3	10 to 12	4 to 6	.....	2.00	15.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	6 to 6	.75	7.20	60.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	.....	$1.60	$12.00
3	10 to 12	4 to 5	.....	2.00	16.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00
5	20 to 24	6 to 6	.75	7.20	60.00
6	28 to 30	6 to 6	1.25	15.00	125.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼	.. ..	3 ..	.....	$0.60	$5.00
3	12 ..	5 to 6	.....	1.00	8.00
3½	12 to 16	6 to 6	$0.16	1.50	12.00
4	15 to 18	6 to 7	.26	3.00	20.00
6	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	50.00

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	6 to 6	3 plants in pot	.....	$1.00	$8.00
3½	12 to 14	3 plants in pot	.....	2.00	15.00
4	18 to 20	3 plants in pot	$0.25	3.00	25.00
6	.. ..	3 plants in pot	.75	9.00	60.00

PHOENIX RECLINATA.

Pot.	Leaves.	Dozen.	100.
3	4 to 6	$1.60	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.60 per dozen; $10.00 per 100.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
6	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$1.00	$ 8.00
Utilis	3	2.00	16.00

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 5-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

PALM BARGAIN.

To clean up for alterations. Will offer at following prices for cash with order. Fine, clean stock:

250 6-inch Arecas, 3 in a pot, $6.00 per doz.; $40.00 per 100.

500 Latanas, 6-inch pots, $4.75 per doz.; $35.00 per 100.

75 Arecas, 7 inch, 3 in a pot, 75 cts. each; $8.50 per doz.

1,000 Kentia Belmoreana, 5-inch pots, $3.50 per doz.; $25.00 per 100.

Louis Burk, Fishers Lane, above Wyoming Ave., Philadelphia, Pa.

Fresh seeds of Kentia Belmoreana or Forsteriana, 50c per 100; $4.00 per 1000. Cocoa Weddeliana, 75c per 100; $6.00 per 1000. Pandanus utilis, $1.00 per 100; $7.50 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

Fresh seeds of Kentias Belmoreana and Forsteriana at $4.50 per 1,000. 5,000 and up, $4.00 per 1,000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Kentia Belmoreana, fine, healthy stock. 2-in., $7.00 per 100. Sample by mail, 10c.
Geo. L. Miller, Newark, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.60 per 100; $10.00 per 1,000.

SEEDLINGS, not transplanted, $3.00 per 1,000.
H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine young pansy plants of the Jennings' strain, in bloom, $1.50 to $2.00 per 100. Strong young plants, to transplant, $1.00 per 100; these are not overgrown, but are outdoor plants and will not suffer by shipping. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Pansies. Fine stocky plants, in bud and bloom, from cold frame, $1.25 per 100; $10.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

Pansies, $4.00 per 1,000 by exp., 60c per 100 by mail. From seed bed of fall-sown, choice, selected seed. W. C. Jennison, Natick, Mass.

Pansies. Choice plants, $1.00 per 100; small plants, 50c per 100. Martinsville Floral Co., Nixon H. Gano, Mgr., Martinsville, Ind.

Strong pansy plants, from cold frame, in bud and bloom, $1.50 per 100; $14.00 per 1,000. Buckley Plant Co., Springfield, Ill.

For the finest pansies in the market write Geo. Sanderson & Sons, Elm St., Weston, Mass.

Best pansy in the market, $2.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

Pansy seedlings, 50c per 100, $3.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Pansies, Giant Mixture, 2-in., $1.50 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Pansies, in bloom, $1.00 per 100. G. Guy Swanger, Shiloh, Ohio.

PELARGONIUMS.

Pelargoniums, named varieties, 3-in., $6.00 per 100. Cash. S. D. Brant, Clay Center, Kan.

PETUNIAS.

Double white petunias, 2½-in., $2.60 per 100; all strong plants in bud and bloom; the best double pure white and just right to pot up or plant out. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Petunias, white, pink, purple and blotched, rooted cuttings, $1.00 per 100; $9.00 per 1,000; strong 2¼-in., $1.75 per 100; $15.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Petunias, finest fringed and mixed, Dreer's best doubles, 2-in., $2.00; 3-in., $3.60; in bud and flower. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias. Single Giant of California, 2½-in., ready to shift, $2.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Petunias, single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Double and single petunias, $3.00 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Single Giant of California, 3-in., $3.00 per 100. W. S. Herzog, Morris Plains, N. J.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias. Double fringed, $3.00 per 100. C. L. Reese, Springfield, Ohio.

PLANT LISTS.

SPECIAL TRADE LIST.

Alyssum, Double Giant, 2½-in. pots, $3.00 per 100.
Ageratum, Princess Victoria Louise, new, 2½-in. pots, $3.00 per 100.
Ageratum, Princess Pauline, 3-in. pots, $3.00 per 100.
Ageratum, dwarf, dark blue, 3-in. pots, $3.00 per 100.
Bouvardias, double and single, white, single pink, scarlet and Humboldtii, 2½-in., $3.00 per 100.
Clematis, large flowering varieties, 2 years old, $4.00 per doz.
Clematis Paniculata, 2 years old, 4-in. pots, $10.00 per 100.
Clematis Paniculata, 1 year old, 3-in. pots, $5.00 per 100.
Edelweiss (the Queen of the Alps), produces a beautiful white everlasting flower, useful in finest design work, 2-in., $3.00 per 100.
Echeveria Glauca, fine plants, $1.00 per doz.
Secunda Glauca, $4.00 per 100.
Geranium, America, the best single light pink, 3-in. pots, $8.00 per 100.
Geraniums, Mars and Le Pilot, 3-in. pots, $5.00 per 100.
Lobelia, Pumila Splendens, new, dark blue, white eye, 2½-in. pots, $4.00 per 100.
Lobelia, Emperor William, 2½-in. pots, $3.00 per 100.
Forget-Me-Not Palustris, Pheasant's Eye. This is an improved summer flowering Forget-me-not. Clumps, $4.00 per 100.
Periwinkle, variegated, 2½-in. pots, $3.00 per 100.
Passiflora Coerulea, 3-in. pots, $5.00 per 100.
Salvias, Splendens and Clara Bedman, 2½-in. pots, $3.00 per 100.
C. EISELE, 11th and Jefferson Sts., Philadelphia, Pa.

CANNAS—Mme. Crozy, Alphonse Bouvier, Florence Vaughan, from 3-in. pots, 16 in. high, $5.00 per 100.

Ageratum, Princess Pauline, 2½-in. pots, ready for shift into fours, $3.00 per 100.

Geraniums, leading varieties, 4-in. pots, $7.00 per 100; from 2½-in. pots, strong plants, $3.00 per 100.

Begonia Vernon, 4-in., $10.00 per 100.

Vinca Variegata, 2½-in. pots, $3.00 per 100; 4-in., very fine, $10.00 per 100.

English Ivy, 3 in a 4-in. pot, 14 to 18 in. high, $10 per 100.

Coleus, Golden Bedder and Verchaffeltii, 2½-in. pots, $3.00 per 100.

Alternanthera, $2.50 per 100.

Cash or C. O. D. HENRY ENGLER,
4651 Lancaster Ave., Philadelphia, Pa.

Decorative and flowering plants for spring and summer seasons.

Boxwood (Pyramids), from $1.50, $2.00, $3.00, $4.00 and $5.00 a pair. Also crowns of Boxwood, stem about 3 feet high, $3.00, $4.00 and $5.00 a pair.

Crown Bay Trees, $15.00, $20.00, $25.00 and $30.00 a pair.

Kentias, all sizes. Latanias, 50c to $2.00 each. Arecas, 3 in a pot, $4.00 per doz. Rubbers, 3 feet high, $6.00 per doz. Araucaria Excelsa, $1.00, $1.25 and $1.50 each. Araucaria Robusta, $3.00 up to $5.00 each. Araucaria Glauca, $2.00 up to $4.00 each.

Oranges. Bushy plants, $1.00 to $1.50 each; 3 to 6 fruits each.

Hydrangeas, in pots, $50.00, $75.00, $100.00 per 100, for lawns, etc., in bud. Also some in bloom now.

Boston Ferns, 50c., $1.00, $1.50 and $2.00 each, fine plants.

CUT FLOWERS.

Valley, selected, $3.00 per 100; first size, $2.00 per 100. Very fine flowers. Can supply all the year around.

A. SCHULTHEIS, P. O. Box 78, Queens Bor., N. Y., College Point, L. I.

	Per 100
Coleus, Rainbow, Firebrand, Verachaffeltii, Golden Bedder, Victoria and others, 2½-in.	$2.00
Tradescantia Quadricolor, fine, 3-in.	4.00
Ageratum Stella Gurney and Blanche, 3-in.	3.00
Lobelia Kaiser Wilhelm and Crystal Palace, 3-in.	3.00
Parisian Daisy, yellow and white, 2½-in.	2.60
Scarlet Sage Clara, Bedman, 3-in.	3.00
Fuchsia Elm City, Schneewittchen and others, 3-in.	3.00
Vinca Variegata, 3-in.	3.50
Chrysanthemums, Merry Monarch, Merry Christmas, J. E. Lager, Niveus and many best varieties, 2½-in.	2.00
Primula Forbesii, 2-in.	3.00

Jasminum Gracillimum, 3-in.; Allamanda Williamsii, 2-in.; Acalypha Marginata, 2½-in., 75c per doz. Cash with order. John G. Eisele, 20th and Ontario Sts., Philadelphia, Pa.

Marguerite, Feastii and argenteo-guttata begonias; Anthemis, dbl. yellow Daisies; Gymnocarpa, Dusty Miller; Salvia splendens and Eclipse abutilon at 40c per doz. or $2.50 per 100. Also Baby Primroses. Satisfaction guaranteed. J. W. Yates Plant Co., 22 West Liberty St., Springfield, Ohio.

PRIMROSES.

Dreer's Prize Primulas. Alba magnifica, the finest white; Rubra, a good dark red; Kermesina splendens, rich crimson; Cheswick Red, brightest red; Holborn Blue; Rosy Morn, rosy pink; Punctata elegantissima, spotted; Robusta grandiflora, mixed, a very strong-growing type; Fern-leaved, mixed, and Dreer's Choicest Mixture, made up out of the finest named sorts. Price, any of the above, $1.00 per trade pkt.; 60c per ½ trade pkt.
H. A. DREER,
714 Chestnut St., Philadelphia.

Baby Primroses. Good stock from 2½-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

POINSETTIAS.

Poinsettia pulcherrima, the favorite Christmas plant. Strong spring struck plants from 2½-in., $8.00 per 100. Ready June 15. Wm. Scott, Main and Balcom Sts., Buffalo, N. Y.

PRIVET.

CALIFORNIA PRIVET.	Per 1,000
One year, 10 to 15 inches	$ 8.00
One year, 15 to 18 inches	10.00
One year, 18 to 24 inches	13.00
Two year, 15 to 24 inches	25.00

Three yr., 4 to 6 ft., for screens, $6 per 100.
Vinca green trailing, Myrtle, $1.25 per 100.
ATLANTIC COAST NURSERIES, Office 606 4th Ave., Asbury Park, N. J.

PRIVET.	100.	1,000
12 to 15 inches	$1.25	$10
15 to 18 inches	1.75	15.00
18 to 24 inches, finely branched......	2.50	22.50

Elizabeth Nursery Co., Elizabeth, N. J.

PYRETHRUM.

Pyrethrum Little Gem, rooted cuttings, $1.50 per 100; $12.50 per 1,000; 2¼-in., $3.00; 3-in., $5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ROSES.

ROSE PLANTS from 2½-in. pots. Liberty, $8.00 per 100, $75.00 per 1000; American Beauty, $6.00 per 100, $55.00 per 1000; Golden Gate, $3.00 per 100, $26.00 per 1000; Bridesmaid, Bride, Meteor, Kaiserin, Perle, $3.00 per 100; $25.00 per 1000.

Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG,
51 Wabash Ave., CHICAGO.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Two-year-old roses in full foliage, from 4-in. pots. Gruss au Teplitz, Pres. Carnot, Maman Cochet, Yellow Soupert, Beaute Inconstant, Perle des Jardins, Bride, Bridesmaid, Kaiserin, Meteor, C. Soupert, Hermosa, Marie Van Houtte, Mme. Jos. Schwartz, Duchess Brabant, Etoile de Lyon, Papa Gontier, Golden Gate, Wootton, Ch. de Noue, La France, White La France, Red La France, Triumph, Pernet Pere, Agrippina, Mme. Elie Lambert, Malmaison, Purple China, La Pactole, Crimson Rambler, at $10 per 100. Prince Camille de Rohan, M. P. Wilder, Paul Neyron, Mary Washington, at $12.00 per 100. American Beauty, at $16.00 per 100. Cash with order.
The National Plant Co., Dayton, Ohio.

Grafted stock, Brides, Bridesmaids, Kaiserins, Carnots, Perles and Meteors, $12.00 per 100. Own root stock, Brides, Bridesmaids, Kaiserins, Carnots, Meteors and Perles, by the 1000, $30.00. Liberty, extra fine stock of grafted plants, $18.00 per 100. If you think Liberty is not worth growing, come and see my house of it and you will soon change your mind. Some extra strong plants of all kinds of grafted stock in 4-in. pots. Apply for prices. W. H. Elliott, Brighton, Mass.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

'Maid! Liberty! Bride! Kaiserin! Strong plants with healthy own roots. If you want the best stock obtainable, place your order at once for immediate or later delivery. Stephen Mortensen, Southampton, near Philadelphia, Pa.

Roses. About 4,000 H. P., such as Jack, Brunner, Mrs. John Laing, Magna Charta and others, in pots and boxes, which have been forced once, at $3.00 per 100. Cash. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Roses, choice 3-in. plants ready for immediate planting. Per 100: Liberty, $18.00; Bridesmaid, Bride, Golden Gate, $12.00. 10 sample plants (to florists only) for $1.00. J. L. Dillon, Bloomsburg, Pa.

Roses. Gates, Maids, Brides, Meteors, 2½-in., $3.00 per 100; $25.00 per 1,000. Gates in 3-in., $5.00 per 100. Maids, Brides, Meteors, in 3-in., $4.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

A few thousand strictly first-class, 2-in., Meteor rose plants at $20.00 per 1,000. Maids, Brides, Perles and Gates, 2-in., $25.00 per 1,000. J. A. Budlong, 37 Randolph St., Chicago.

Roses, fine plants, 6-in., 9c. C. Soupert, Jacqueminot, C. des Blanches, C. des Alps, etc. Queen of Prairie, same size, 8c. Cash. W. H. Salter, Rochester, N. Y.

Roses. Crimson Ramblers, 3 and 4-in. pots, nice bushy plants. Price on application. Joseph Bradbury, South Orange, N. J.

American Beauty. Two-eyed cuttings, growing in 2½-in. pots, ready to shift, $6.00 per 100, $50.00 per 1000. Cole Bros., Peoria, Ill.

Special. 600 Bridesmaids and 125 Woottons at $4.00 per 100; 200 Beauties at $6.00 per 100. Cash, please. J. N. Kidd, St. Joseph, Mo.

Kaiserin, first class stock, 3-in., $4.00 per 100; 4-in., $10.00 per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Bride rose plants, on own roots, 2¼-in., $3.00 per 100. J. Wm. Colflesh, 63rd and Woodland Ave., Phila., Pa.

American Beauties from 3-in. pots, $9.00 per 100; $80.00 per 1000. Jos. Heacock, Wyncote, Pa.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Roses. Send for our surplus list. Phoenix Nursery Co., Box 625, Bloomington, Ill.

Roses. Bride, Bridesmaid, Golden Gate, $2.00 per 100. C. L. Reese, Springfield, Ohio.

American Beauties. 3,500 in 2x2½ and 2½x3-in. Write Geo. A. Kuhl, Pekin, Ill.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUBBER PLANTS.

Rubber Plants. We offer a bargain in these. Having a considerable stock which we should like to move as quickly as possible, we can give exceedingly good value. 6-in. pots, 2 feet high, worth 75c each, for only $6.00 per doz.; 6-in. pots, 2½ to 3 ft. high, worth $1.00 each, only $9.00 per doz. These have large, perfect leaves right to the pot, and stock will be found to be first class in every respect. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 60c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Clara Bedman, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias, the best blooming varieties, 2-in., $1.25 per 100. N. O. Caswell, Delavan, Ill.

SEEDS.

Cineraria Hybrida Grandiflora, the most brilliant coloring, pkt., about 500 seeds, 25c; 5 pkts., $1.00.
Cineraria, dwarf growing, pkt., 25c; 5 pkts., $1.00.
Primula Sinensis Fimbriata, in separate colors:

	100.	1000.
Rose Splendens	25c	$1.75
Atrosanguinea, blood red	25c	1.75
Alba, purest white	25c	1.75
Coerulea (True Blue)	30c	2.00
All mixed	20c	1.50

Send for our estimate blank on all French and Dutch forcing bulbs, spiraea, azalea, fern balls. We can save you 10 per cent on early orders. H. H. BERGER & CO., 47 Barclay St., New York.

ASTER SEED.

We grow Aster Seed extensively, and have a surplus this year, which we will sell cheap, to clear out; guaranteed fresh seed.

	¼ oz.	½ oz.	Oz.
Giant Comet, in 4 best colors	$0.26	$0.50	$0.75
Perfection	.25	.50	.75
Victoria	.25	.50	.75
Chrysanthemum	.25	.50	.75
Any of above, mixed, half price.	.15	.25	.40
White Boston, Giant Emperor, Ostrich Plume, Ostrich Feather	.25	.50	.76

GRAINGER BROS., 16-18 Lawrence Mkt., TORONTO, CANADA.

XXX seeds. Chinese primroses, large-flowering fringed, 15 varieties; single and double, mixed, 500 seeds, $1.00; half pkt., 50c. Pansy, the best of the mammoth-flowering varieties, mixed, 4,000 seeds, $1.00; half pkt., 50c. Cinerarias, large-flowering dwarf varieties, mixed, 1,000 seeds, 50c. John F. Rupp, Shiremanstown, Pa.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wardwell Dwarf Kidney Wax Beans, $4.50 per bushel. Fred H. Burdett, Clifton, N. Y.

SMILAX.

Smilax, 2-in., $1.00 per 100; $10.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

600 Smilax, 2-in., $2.00 per 100. Cash. J. N. Kidd, St. Joseph, Mo.

Smilax from flats, 25c per 100. Cash. Morris Floral Co., Morris, Ill.

Smilax, fine 2-in. Geo. A. Kuhl, Pekin, Ill.

STEVIA.

Stevia, per 100; 2½-in., $2.50; rooted cuttings, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia var., rooted cuttings, $1.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

VEGETABLE PLANTS.

Sweet Potato Plants sent safely anywhere by mail. Jersey Yellow, Jersey Red, Pierson and Red Bermuda, 60c per 100, or 200 for $1.00. Vineland Bush, Gen. Grant, Brazilian, Vineless Gold Coin and Early Golden, 75c per 100, all postpaid. Send for circular. F. S. Newcomb, Vineland, N. J.

Beauty tomato plants, 15c per 100, $1.25 per 1000. Jersey Wakefield cabbage, $1.00 per 1000, $8.00 per 10,000. Celery plants after June 10. Cash. Mrs. Griswold, Worthington, Ohio.

Cabbage. Express, Wakefield, Winningstadt, fine for planting out, $1.15 per 1000. Cash. Other plants soon. E. W. Byer, Chambersburg, Pa.

For cabbage, celery, egg, pepper, lettuce, beet and tomato plants see our display adv. R. Vincent, Jr., & Son, White Marsh, Md.

Cabbage and tomato, for transplanting, $1.25 per 1,000. W. D. Chase & Son, New London, Ohio.

VERBENAS.

Mammoth verbenas, extra large plants from flats, coming in bud, 60c per 100 by mail; $4.00 per 1,000; 2½-in., in large bud, $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, rooted cuttings [illegible] per 100; lemon verbena, $1.50 per 100; $12.50 per 1,000, 2¼-in., $2.00 per 100; $17.60 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Verbenas, very best mammoth varieties, clean and healthy; 3-in. pots, $3.00 per 100. Cash with order. Joseph F. Smith, Burlington, N. J.

Verbenas, choice varieties in bud and bloom. Per 100: 3-in., $3.00; 2½-in., $2.00. J. L. Dillon, Bloomsburg, Pa.

Verbenas, 20 grand varieties, strong 2¼-in. $1.25 per 100; $12.00 per 1,000. Buckley Plant Co., Springfield, Ill.

Verbenas, best mammoth, 2½-in., ready for 3½-in., $2.00 per 100. Cash. Jas. Ambacher, Long Branch, N. J.

Verbenas, good selection, 2½-in., $2.00 per 100; rooted cuttings, 60c per 100. Krueger Bros., Toledo, Ohio.

Verbenas, best varieties from 2½-in., in bud and bloom, $2.00 per 100. J. Palmer Gordon, Ashland, Va.

Verbenas, strong plants, $2.00 per 100.
Brockman & Co., Fort Smith, Ark.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

VINCAS.

Vinca, green trailing. Myrtle, $1.25 per 100; $10.00 per 1,000. Euonymus Japonica, green, 2½-in. pots, $2.50 per 100. For Privet see my ad under that heading. Cash with order. Atlantic Coast Nurseries, office 606 4th Ave., Asbury Park, N. J.

Vinca major variegata, 2½-in., $5.00 a 100; 3-in., $8.00 a 100. No better stock can be purchased for the money; just right for spring filling. Strong field-grown clumps. Nathan Smith & Son, Adrian, Mich.

Vinca var. Vines 2 to 3 ft. long, $10.00 and $15.00 per 100. Good plants, but shorter vines, 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Vinca Major, var. and green, 2½-in., $3.00; 4-in., $6.00; 5-in., $10.00; 6-in., $15.00 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Vinca vines, green leaves, 2-in., $1.50 per 100 to close out. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vincas, strong 3-in., green, $4.00 per 100; variegated, $6.00 per 100. Krueger Bros., Toledo, Ohio.

Vincas. Strong vincas, 4-in., $10.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Periwinkle, 2½-in., $3.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

Vinca, green and variegated, $3.00 per 100. James Frost, Greenville, Ohio.

Send in your order now for a copy of the Florists' Manual.

VIOLETS.

Healthy, well-rooted plants from sand of Lady Campbell now ready, 75c per 100; $5.00 per 1,000; 500 at 1,000 rates. Imperial, ready about May 15th, $1.00 per 100. These are young runners. Struck in sand, and not old plants divided. Will send only good stock. Chas. Black, Hightstown, N. J.

California violets, healthy, well rooted runners, 60c per 100, $3.50 per 1000, $25.00 per 10,000. Cash with order. W. A. Finger, Hicksville, L. I., N. Y.

Marie Louise, March struck. Fine plants ready June 1st, $10.00 per 1,000. Cash please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Velie & Son, Marlboro, N. Y.

Rooted cuttings and pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell. Crabb & Hunter, Grand Rapids, Mich.

Rooted runners of Marie Louise violets, from soil, 60c per 100, $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

MISCELLANEOUS.

Cigar plants, Sedum variegatum and California moss, in 2½-in., $1.25 per 100. California ice plant, 2½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Pilea (artillery plant), $2.50 per 100. Cuphea (cigar plants), $2.00 per 100. C. L. Reese, Springfield, Ohio.

Cuphea and Artillery plants, 2-in., $2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

TO EXCHANGE.

To Exchange—A fine, bushy, well-budded double pink oleander, 8 ft. high, 7 ft. spread, to exchange for Daybreak carnation rooted cuttings. Plant is worth $10.00, but will exchange for 500 rooted cuttings Daybreak carnation. H. S. Baker, Warsaw, N. Y.

To Exchange—300 Clematis paniculata valued at $3.00 per 100, to exchange for rooted cuttings or 2½-in. pot plants of Golden Bedder and Verschaffelti coleus or rooted cuttings of Ivory or Whitldin chrysanthemums. E. Wickersham & Co., Pottstown, Pa.

To Exchange—Will exchange plants listed by me in this week's Review, also Rex and blooming begonias, mixed, for a few Perles, Brides and Maids, carnation rooted cuttings, hardy plants or other plants I am in need of. N. O. Caswell, Delavan, Ill.

To Exchange—500 Sprengeri and 600 geraniums, to exchange for rooted carnation cuttings of Daybreak, Joost, etc. Geo. Just, Jacksonville, Fla.

WANTED.

Wanted—4 want 5,000 of the best white and dark purple aster plants, late varieties. Chas. A. Johnson, Limits Florist, 1217 No. Clark St., Chicago.

BASKETS.

Florists' baskets. Bamboo, rattan, oak, hickory, Diamond Market, verbena, etc., our specialty. The largest assortment of any manufacturer in this country. Write for prices and 1901 catalogue. Coles & Co., 109 and 111 Warren St., New York. Telephone 3751 Cortlandt.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL.

Dagger ferns for Memorial Day. Our new crop of Dagger ferns is now ready and is of a No. 1 quality; $1.50 per 1000. Discount on large order. Order early. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

Carter's new crop ferns are ready for market. Dagger ferns, carefully selected, neatly packed, $1.00 per 1000. Fancy ferns, carefully selected, neatly packed, $1.25 per 1000. Write for prices on large quantities. Geo. M. Carter, Evergreen, Ala.

Dagger ferns, new crop now ready, $1.50 per 1,000; discount on large orders. Princess Pine, $5.00 per 100 lbs. Laurel festooning, 4, 5 and 6c per yd. Laurel and pine wreaths, etc. Crowl Fern Co., Millington, Mass.

New crop fancy and Dagger ferns. Book orders now and insure a supply for Decoration Day. Price, $1.50 per 1,000; special price on large quantities. Caldwell The Woodsman Co., Evergreen, Ala.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pines, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Pure pulverized sheep manure and fine bone flour. Samples and price mailed on application. J. L. Elliott, 646 Canal St., Bethlehem, Pa.

FLORISTS' LETTERS.

W. C. Krick, 1287 Broadway, Brooklyn, N. Y.

Fred Paul, 632 Race St., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer,

Harlan P. Kelsey,
1106 Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, $1.50 per 1,000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 72 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Shoemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Chicago & Boston.

Good Hose. J.G.&A.Esler, Saddle River,N.J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying, indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Sicabcura Dip Co., Chicago.

Pamphlet on the most effective methods of combating insect pests sent free on application. Address Adler Color & Chemical Works, 100 William St., New York.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1002 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Clipper Lawn Mower Co., Norristown, Pa.

METAL DESIGNS.

Metal Designs—Wreaths, Crosses, Anchors, etc., in green and white foliage, tastefully trimmed with flowers; best Paris and Berlin styles, at special low prices. A. Rolker & Sons, 52 Dey St., New York City.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 600 miles of the Capital, write us; we can save you money. W. H. Ernest, 23th and M Sts., N. E., Washington, D. C.

The Whilldin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 361-363 Herndon St. (near Wrightwood Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Potterz, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Red pots. Jacobs & Landis, Colesburg, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

REFRIGERATORS.

Send for illustrated catalogue and price list showing Florists' Refrigerators, Pumps, Hose, Sprayers, Tools, etc.
ORR & LOCKETT HARDWARE CO., 71 and 73 Randolph St., Chicago.

SHEET MOSS.

Sheet Moss, extra fancy select, $1.50; medium grade, $1.25 per barrel. Cash with order. Schmidt's Greenhouse, East Side, Toledo, O.

If you read these advs. others would read yours.

SPHAGNUM MOSS.

5-bbl. bale, $1.00; 3 bales, $2.50; 5 bales, $4.00. H. R. Akers, Chatsworth, N. J.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.

Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

WICHITA, KANS.

The Easter rush marked the beginning of the spring trade in Wichita. While reports of cool weather, etc., came from more northerly places, the Wichita florists were hustling to make up for lost time caused by a late spring.

Business so far is satisfactory in volume, and will slightly exceed previous years. This is caused, not so much by larger orders but more of them, which indicates a favorable condition. About the only item that shows a decrease is the sale of sweet pea seed, which is much less than last year.

Mr. Ferdinand Keuchenmeister, the "Riverside Florist," was recently appointed superintendent of the city parks. For the last two years he has been more or less connected with the work, and well knows just where to take hold. Mr. Keuchenmeister moved from his Harry street location last year to a new location near the parks, and rebuilt a much larger and more substantial establishment.

Mr. H. L. Hunt, for a while with W. H. Culp & Co., sold his interests last June to W. H. Culp and started new on his own land near College Hill, associating with him Mr. A. R. Marsh. They have three houses in good location in a growing part of the city, on the car line to the cemeteries, with a good chance to dispose of their surplus to downtown florists.

The "Wichita Greenhouse Co." are closing out their business, the manager, Mr. Capps, being obliged to keep away from the greenhouses on account of rheumatism, and Mr. Conklin, the president, having other business interests which take all his time.

C. A. Rose, the veteran florist, reports good business, with nothing specially exciting.

Chas. P. Mueller and W. H. Culp & Co., who both do a good deal of their own growing, are in their usual rush, in the effort to do their own planting in seasonable time, and at the same time not neglect the demands of their customers in the same line.

The prospects for Decoration Day trade are good, with promise of plenty of outdoor material to relieve the demand for greenhouse stock. X.

ONLY FIVE PER CENT.

Our advs. in Florist's Review for the year ending May 1, 1900, cost us only 5 per cent on orders recieved.—The Morris Floral Co., Morris, Ill.

ST. LOUIS.

Club Meeting.

They May meeting of the Florists' Club on last Thursday was not so well attended as was expected. Only eleven members were in attendance, and of the eleven, six were from out of town. This shows how little interest the city members take in the club's welfare.

The meeting was opened promptly at 3 o'clock by President Guy. The exhibition committee made a report stating that more time was needed to complete the show list. Mr. Frank M. Ellis was selected the sixth member of the committee.

The trustees were instructed to make arrangements for the annual picnic to be held in July.

J. J. Beneke was appointed by the president on transportation to Buffalo for the S. A. F. convention.

Dr. A. S. Halstedt tendered the use of the Commercial Club rooms at Belleville to hold the next meeting of the club on June 13. The invitation was accepted; the members are to be at the club rooms promptly at 3 o'clock.

Three members were dropped from the rolls for non-payment of dues.

R. J. Mohr read an essay which was very interesting to the members.

Mr. H. G. Ude, of Kirkwood, showed a few seedling carnations of the Daybreak type with 52-inch stems. The committee voted them worthy of mention.

In a discussion on pink carnations Crocker, Joost and Lord were voted the best in the market just now.

The meeting then closed to meet at Belleville, June 13, when it is hoped that the city members will come out in full force.

The Market.

The cut flower trade is exceedingly dull at present and there are plenty of flowers of all kinds in the market and with no indication of immediate improvement. The warm weather of late has had a very bad effect on stock in general and roses in particular. There has been quite a lot of funeral work of late, but the transient trade is falling off very fast. Sunday and Monday it became quite cool, which helped things somewhat. Some of the roses that came in were mildewed. Beauties are selling cheaper than ever before. There are so many carnations coming in that the market can hardly be quoted. Fancy carnations bring $1 per 100; good carnations 50 cents, and one would hardly believe the price by the 1,000. Some of the downtown stores are selling them at 15 cents or two dozen for 25 cents and the fakirs even cheaper.

Sweet peas are still a glut at 25 cents per 100, except white, which bring 40 cents. Out-door flowers will soon be a thing of the past and when Decoration Day comes cheaper flowers will be scarce. Good valley still brings $3; poor valley $1 per 100. Harrisii and callas at about your own price. Smilax sells well just now.

The exhibition committee is now composed of C. C. Sanders, F. J. Meinhardt, Emil Schray, George Windler, F. M. Ellis and R. J. Mohr. They will meet at Ellis' store, May 28, to select their chairman and finish up the show premiums and the club's preliminary list. The Shaw list must be ready soon in order that it may be placed before the directors' meeting of the Missouri Botanical Garden for approval. They meet every second Wednesday of each month at their downtown office in the Bank of Commerce building.

Park Commissioner Ridgely has appointed Timothy O'Brien keeper of St. Louis place.

Mr. A. Jablonsky has opened a floral store on Easton avenue, near Hamilton.

Bowling.

The attendance at the bowling club is falling off each week and if this keeps up we will hardly have a team to roll at Buffalo. We could put a team together that would make any of them hustle to win, but they don't come down for practice. Chicago seems to have awakened again and is rolling from fifteen to twenty men each week, but we seem to have lost all interest, and the few who do come down are becoming disgusted at the small attendance. Last night only four came, and from the looks of the scores Ed Winterson's war whoops at Chicago last week were still ringing in their ears. Just look at them!

	1	2	3	4	Tot.	Av.
Kuehn	170	169	170	160	669	167
Ellison	127	158	141	164	590	148
Beneke	122	158	...	...	281	140
Ellis	73	130	...	...	203	101

J. J. B.

BUFFALO.

I am inclined to think that business has been very fair of late, with a plentiful supply of flowers. Mr. Kasting remarked a few nights ago, pointing to a vase or two of carnations, "That's the first time this spring that I have had any carnations left over night." The past few days have been very cool and quite as well for the florist and plant grower that it is, for a warm spell gives folks the fever and they want to plant their gardens two weeks before the safe time.

The club had a good meeting last week and every committee reported progress, which were all received as quite satisfactory. Mr. Charles H. Keitsch has taken hold of the trade exhibit in a masterly way, as only a thorough and painstaking mind can. He has every detail looked after, and as he won't say it for himself I must, viz., that there never was a more convenient and spacious hall for the purpose and never were the arrangements more carefully and thoroughly organized. Exhibitors will find this to their great satisfaction when convention comes. W. A. Adams is also doing good work as chairman of the Hotel Committee and if our florist friends find themselves without a resting place next August it will be only because they have not sent their explicit requests to Mr. Adams. The Sporting Committee, or rather Committee on Sports, are attending to their duties, and Captain Braik, the chairman, and W. Belsey Scott sneak off occasionally and have a little practice with the gun.

Visitors have been numerous. They include D. J. Thomas, editor of "Home and Flowers," Springfield, Ohio; James H. Vick, of Rochester; Mr. Crossman, the well known seedsman of Rochester; Mr. Dye and J. E. Stillaway of New Jersey; Walter Mott; Mr. J. A. Valentine of Denver, who is taking a trip from Galveston by ocean mail to New York. That's rather a roundabout way to reach the Pan-American from Denver, but it was good for his health, and he looks as rugged and calm as ever. Mr. Frank R. Pierson, of Tarrytown, has been here two days, and it took him all that time to receive the congratulations of his friends and the officials of the exposition on the magnificent display of tulips, which has been the bright, particular star of the Pan-American grounds. W. S.

PITTSBURG.

Club Meeting.

The regular monthly meeting of the Pittsburg and Allegheny Florists' and Gardeners' Club was held last Thursday evening at the rooms of the Pittsburg Cut Flower Company, 504 Liberty street. There was a large attendance, and in addition to commercial florists, private gardeners, interested amateurs and park men, all members were out in force and took part in the discussions. Seven new names were proposed for membership.

The subject under discussion was palms. It was handled by John Bader, of Troy Hill, Allegheny, and he brought in a lot of the different kinds of palms to illustrate what he was talking about. John is the largest grower of these plants in western Pennsylvania; he grows great quantities of young stock to wholesale to other florists, and large plants for those who do a decorating business. The different species of a genus were handled in turn, first the kentias, then the latanias, then the areceas, and so on; the plants of each set to be spoken about were placed on the table before the audience and their merits and demerits thoroughly and practically exposed by all of the members. Then this lot of plants was set aside and the next genus set up for similar treatment. The meeting was lively and merciless.

All points considered, the most favored palms were Areca lutescens, Kentia Belmoreana and Phœnix Rupicola; the only fault of the last named was its slowness of growth and consequent expensiveness. Dousing with cold water was given as the main cause of spotting and yellowing in several palms. Livistona rotundifolia had many friends, and so had Rhapis flabelliformis and R. humilis for long-time housework and shady quarters.

Mr. Randolph declared he could sell but a very limited number of Araucaria excelsa, because of its stiff appearance, but others found a demand for it among German and English people. All agreed, however, that as an all-around useful plant Pandanus Veitchii has never been surpassed "and we never will have an overstock of it, either, for you cannot raise it by the thousand from seed as you can palms."

The next meeting will be held June 13 and the subject is "Outdoor Hardy Roses." An exhibition of these flowers will also be made and the general public invited to come to see it free of all charge. P. A.

SPRINGFIELD, O.—Fire destroyed the greenhouses and barn of A. G. Wenger, near Villa, May 6th. Loss is estimated at $2,500, partly covered by insurance.

E. OAKLAND, CAL.—Mrs. R. D. Yelland will this season build a carnation house 18x50. It will be built over the carnation beds in August or September.

RUTLAND, VT.—S. A. Baker has added a new house, which will be devoted to plants, the old one being devoted wholly to cut flowers.

LANSDALE, PA.—William Sturzbecher has purchased the greenhouses of Theo. Kneuhl, of North Wales.

INDIANAPOLIS, IND.

News Items.

The State Florists' Association met on the evening of the 8th at the Commercial Club rooms with Vice-President Alley in the chair. Heretofore we have been meeting at just any place selected by the secretary, but after some discussion it was decided to meet regularly in these rooms. They are centrally located, and the light and ventilation are good, and no more pleasant meeting place could be found anywhere.

The main topic for discussion was "The Street Fakir," who has swooped down on our city in full force during the past month or so. Up to this time our city has been free from these parasites, but as one grower said, they are in all large cities, and I guess our beautiful city of 200,000 is getting to be a big town, too. How willing we would be to remain a little smaller if it would only keep away the fakirs and a few other evils which are found only in large cities.

The warm weather which prevailed during the last part of April drove out thousands of carnations, which made it easy for the fakirs to find all the stock they wanted, and the store men are lond in denouncing the growers who have been selling to them. One grower especially has been and is still selling them all he can spare, and the store men say he will have to do the same next winter unless he ships his blooms out of town. Nearly every one present took part in the discussion, and it lasted over an hour, but no definite understanding was reached except that everybody should work together to force the fakirs out of business in this city. John Hartje especially became very eloquent at times while discussing the situation. Better slate John for a speech next February.

Mr. Hughey, of the Capitol Lumber Co., had on exhibition a plank of peck cypress which he says is used in the south in building government wharves and piers, and which he says never rots. It is the same as is used in greenhouse construction, except that it is full of small holes, made apparently by some insect, but Mr. Hughey says it does not impair its lasting qualities a bit. Several thousand feet were engaged at once for trial, and if it lasts it will become popular, as the price is quite low.

There was a nice exhibit of carnations in connection. Bertermann Bros. showed a vase of Mrs. Lawson which looked nice. E. A. Nelson showed a nice bunch of his seedling. John Hartje showed a bunch of large pink seedling and several blooms of other varieties. Baur & Smith showed a vase of first year seedlings, among which were some fine things. Two blooms of a cross between F. Hill and White Cloud looked as though they would be heard from again.

New members elected were E. Hyatt, of Anderson, and Wm. Bradley, of Elwood.

Out-of-town visitors were J. A. E. Haugh, Anderson, and W. W. Coles, Kokomo.

The bedding season is in full swing, and everybody is busy. The demand is fine and prices are good. A. B.

ELWOOD, IND.—The residence and greenhouse of B. F. Randall was destroyed by fire May 2.

THE McGREGOR BROS. CO.

Surplus Stock from 2½-inch Pots.

ABUTILON, Souv. de Bonn, Savitzii, etc	$3.00 per 100
ASPARAGUS, Sprengeri	3.00 "
GERANIUMS, our selection	2.00 "
HIBISCUS, strong plants	3.00 "
ORANGES, stevia, for planting out	3.50 "
BOSTON FERNS, strong, for planting out	4.00 "
HELIOTROPE, in good variety	2.50 "
FUCHSIAS	2.00 "
VINES, for vases and baskets	2.00 "
DRACÆNA INDIVISA	2.50 "

Let Us Quote You on Stock for Planting Out.

THE McGREGOR BROS. CO., SPRINGFIELD, O.

Mention THE REVIEW when you write.

Grafted Roses.

LIBERTY, $18.00 per 100. BRIDESMAIDS, BRIDES, GOLDEN GATES, $12.00 per 100.

Choice plants, 3-inch pots, ready for immediate planting. Ten sample plants (to florists only) for $1.00.

Verbenas

Choice varieties in bud and bloom.

3-inch pots .....$3.00 per 100.
2½ " ..... 2.00 "

NEW CARNATION

Queen Louise.

We have sold this season 75,000 disbudded long stem flowers of this great commercial White Carnation at the highest market price and have had only good reports from our customers and not one word of complaint from either commission men, florists or retail customers. You will have to grow this variety if you wish to compete with your neighbor. On our place it produces twice as many flowers as White Cloud or Flora Hill and is a better variety in every respect.

Rooted Cuttings,
$10.00 per 100, $75.00 per 1000.

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BLOOMSBURG, PA.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Dictalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata Gaillardia Grandiflora, Gypsophilia Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyrus Latifolius. **$5.00** per 100. **Primula Veris and Aquilegia Chrysantha,** 2¼-in., **$2.00** per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, in 5 fine sorts; rooted cuttings, $1.25 per 100, postpaid; 2¼-in. $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 85 W. 12th St., Holland, Mich.**

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BUCKLEY'S Special Spring Prices

100,000 Plants and Rooted Cuttings Ready to Ship.

GERANIUMS. Our superb collection consisting of the following high grade varieties, true to name: Bruanti, Grant, Heteranthe, S. A. Nutt, Frances Perkins, Mrs. E. G. Hill, Beaute Poitevine, Mme. Jaulin, Mme. Bruanti, La France, Mrs. J. M. Gaar and La Favorite. Strong rooted cuttings, well rooted, equal to the average 2½-in. pot plant, $1.50 per 100, $14 per 1000. Rose Geraniums and Mme. Salleroi, strong 2½-in., $2.00 per 100.

VERBENAS. The 20th Century Collection. New Mammoth, 20 grand varieties, including all the newest sorts, strong 2¼-in., $1.25 per 100, $12.00 per 1000.

ALYSSUM. California Giant for vases and baskets, and **Little Gem** for borders. Strong 2¼-in. $1.25 per 100, $12.00 per 1000.

PETUNIAS. Double Fringed. Eight novelties in white, pink, purple and blotched. Strong rooted cuttings, well rooted, $1.00 per 100, $9.00 per 1000. Strong 2½-in., $1.75 per 100, $15 per 1000.

COLEUS. Our champion collection of 15 varieties, all bright colors and including only those of decided merit. Strong rooted cuttings, well rooted, 60c per 100, $5.00 per 1000. Golden Bedder and Verschaffeltii, 75c per 100, $6.00 per 1000.

PANSIES. Strong plants from cold frames grown from the finest seed in the market, in bud and bloom, $1.50 per 100, $14.00 per 1000.

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GAILLARDIA GRANDIFLORA.

Dreer's Special Offer of Hardy Perennials

We are handling **HARDY HERBACEOUS PLANTS** as a leading specialty and are carrying an immense stock of all the popular varieties, the principal ones being enumerated below.

For a full and the most complete line offered in this country, see our current TRADE LIST, which was distributed March 20th.

Varieties marked * are suitable for cut flowers.

	Doz.	100
*Achillea Filipendulina, strong divisions	$ .75	$6.00
" Millefolium Roseum, strong divisions	.60	4.00
" " The Pearl, 3-inch pots	.60	4.00
" Tomentosum, strong divisions	1.00	8.00
Actea Spicata	1.00	
" Rubra	1.25	
Alyssum Saxatile Compactum, strong divisions	.75	6.00
	Doz.	100
Anthiricum Liliago, strong	$ .75	$5.00
Aquilegia Chrysantha, strong	.75	6.00
" Alba, strong	.75	6.00
" Californian Hybrids, strong	.75	6.00
" Canadensis	.75	6.00
Asters, 12 choice varieties	1.00	8.00
Bocconia Cordata, strong divisions	.75	6.00
*Boltonia Asteroides, strong divisions	.75	6.00
Campanula Carpatica, 3-in. pots	.75	6.00
" Alba, 3-in. pots	.75	6.00
" Pyramidalis, strong, 1 year old	1.00	8.00
*Caryopteris Mastacanthus, str'g, 1 yr. old	1.00	8.00
Cassia Marilandica, strong, 1 year old	.75	6.00
*Chrysanthemum, Hardy Pompon, 40 var., $2\frac{1}{2}$-in. pots	.60	4.00
*Chrysanthemum Maximum Filiformis, strong divisions	.75	6.00
	Doz.	100
*Anthemis Tinctoria, $2\frac{1}{2}$-in. pots	$ .60	$4.00
* " Kelwayi, $2\frac{1}{2}$-in. pots	.60	4.00
* " " Palida, $2\frac{1}{2}$-in. pots	.60	4.00
*Anemone Japonica—		
* Alba, $2\frac{1}{2}$-in. pots	.75	6.00
* Elegans, $2\frac{1}{2}$-in. pots	.75	6.00
* Lady Ardilaune, $2\frac{1}{2}$-in. pots	.75	6.00
* Whirlwind, $2\frac{1}{2}$-in. pots	.75	6.00
Anthericum Liliastrum, strong	.75	5.00
*Chrysanthemum Maximum Triumph, strong divisions	.75	6.00
Clematis Davidiana, 1 yr. old clumps	.75	6.00
*Coreopsis Lanceolata Grandiflora, strong clumps	.75	6.00
*Dictamnus Fraxinella, strong plants	1.00	8.00
* " " Alba	1.25	10.00
*Doronicum Austriacum, str'g divis'ns	1.00	8.00
* " Caucasicum,	1.25	10.00
*Erigeron Salsuginosus, new, $2\frac{1}{2}$-in. pots	1.50	
" Speciosus, strong divisions	.75	6.00
*Eupatorium Celestinum, 3-in. pots	.75	6.00
*Gaillardia Grandiflora, 4-in. pots	.75	6.00
Geum Coccineum fl. pl., 3-in. pots	.75	6.00
Gypsophilia Paniculata, str'g 1 yr. old	.75	6.00
*Helenium Autumnale Superba, str'g divisions	1.00	8.00
*Lychnis Vespertina Alba, strong clumps	1.25	10.00
" Viscaria Splendens, strong clumps	1.00	8.00
Monarda Didyma, 3-in. pots	.75	6.00
" Rosea, strong divisions	.75	6.00
" Fistulosa Alba, strong divisions	.75	6.00
Pentstemon Barbatus Torreyi, strong divisions	1.00	8.00
" Gloxinoides, 3-in. pots	1.00	8.00
*Physostegia Virginica, strong divisions	.75	6.00
* " Alba, strong divisions	.75	6.00
*Pinks, Hardy, six varieties, strong clumps	.75	6.00
*Platycodon Mariesii, fl. pl., strong clumps	1.00	8.00
* " Mariesi, strong clumps	.75	6.00
* " Grandiflorum, strong clumps	.75	6.00
*Primula Veris, English Cowslip	.60	4.00
* " Vulgaris, English Primrose	.75	6.00
*Pyrethrum Uliginosum, strong divisions	1.00	8.00
*Rudbeckia Golden Glow, strong divisions	.50	4.00
* " Newmani, strong divisions	.75	6.00
* " Purpurea, strong divisions	1.00	8.00
*Scabiosa Caucasica, 3-in. pots	1.00	8.00
" Alba, 3-in. pots	1.25	10.00
*Statice Latifolia, 1 year old plants	1.00	8.00
*Stokesia Cyanea, 3-in. pots	1.25	10.00
*Thalictrum Aquilegifolium, strong plants	1.25	10.00
" Atropurpureum, strong plants	1.25	10.00
" Adiantifolia	1.50	12.00
*Trollius Europæus, strong plants	1.00	8.00
*Veronica Longifolia Subsessilis, strong plants	1.50	12.00
" Incana, strong plants	1.00	8.00

	Doz.	100
*Helenium Bolanderi, strong divisions	$1.00	$8.00
* " Grandicephalum Striatum, str. divisions	.75	6.00
* " Pumilum, strong divisions	1.00	8.00
*Helianthus Multiflorus fl. pl., $2\frac{1}{2}$-in. pots	.75	6.00
* " Maximus, strong divisions	.75	6.00
*Heliopsis Pitcherianus, strong divisions	.75	6.00
* " Scaber Major,	.75	6.00
Hemerocalis Dumortieri, "	.75	6.00
" Fulva, "	.60	4.00
" Flava, "	.50	4.00
" Kwanso fl. pl., "	.50	4.00
Heuchera Alba, 1 year old plants	1.00	8.00
Hibiscus Crimson Eye, strong, 1 year old	.75	5.00
*Hollyhocks, strong, 1 year old plants. Dreer's Superb Double, in 6 separate colors	1.00	8.00
" " in choice mixture	.75	6.00
Single select, in choice mixture	.75	6.00
*Hypericum Moserianum, strong, 1 year	1.00	8.00
Iris Germanica, 12 choice varieties	.75	6.00
" in choice mixture	.60	4.00
* " Kæmpferi, 25 choice varieties	1.50	10.00
" in choice mixture	1.00	8.00
*Incarvillea Delavayi, strong flowering roots	4.00	
Lobella Cardinalis, strong, 1 year old	.60	4.00
" Syphilitica, strong clumps	.75	6.00
*Lysimachia Clethroides, strong divisions	.75	6.00
*Lychnis Chalcedonica Rubra Plena	1.50	12.00

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Jersey Wakefield Cabbage. $1.00 per 1000; $8.00 per 10,000.

Asparagus P. Nanus, flats, $1.75 per 100; $15.00 per 1000.

Celery Plants, in quantity, after June 10th, write for prices on large lots.

German Ivy, 2-inch, $1.00 per 100.

" " R. C., 60c per 100. Cash please.

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Asparagus P. N.

2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

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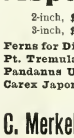

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CELERY.—White Plume, Golden Self-Blanching and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000; small for transplanting, 75 cts. per 1000.

EGG PLANTS.—N. Y. Improved, 25c per 100; $2.00 per 1000.

PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; $2.00 per 1000.

TOMATO.—In var., 20c per 100; $1.25 per 1000.

LETTUCE.—In var., 15c per 100; $1.00 per 1000.

BEETS.—20c per 100; $1.50 per 1000.

If any of the above are wanted by mail add 10c per 100 plants. Cash with order.

R. VINCENT, Jr. & SON, White Marsh, Md.

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Pay **$2.00** monthly if you prefer. Express prepaid. Send order and three volumes will be forwarded immediately.

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FERNS! FERNS! FERNS! New Crop Fancy and Dagger Ferns, Begin moving May 15. Book orders now and insure a supply for Decoration Day. Price $1.50 per 1000. Special quotations on large quantities.

May 1st sees close of shipping season for Southern Wild Smilax. We resume again September 1st. Thanking you very much for past favors, and soliciting a continuance of your valued patronage, we are respectfully,

CALDWELL THE WOODSMAN CO., - - - EVERGREEN, ALA.

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BALTIMORE.

Seasonable weather, rather below the average in temperature, with moderate rains, which already nearly aggregate the rainfall of the entire season of last year, make the record of a week well adapted to the spring work which goes on now with vim all around. The out-door shrubbery has had no untoward interruptions and the blooms of sorts in season has been abundant and unusually perfect. So, too, the beds of bulbs have been exceptionally showy whenever noticed.

Trade for the week ending today (May 13) has, as a rule, been as dull as was ever known at this time of the year. The quantity of flowers coming into the market is simply enormous, whilst the quality, thanks to favoring weather and the lack of the extreme heat liable to be experienced after the first week in May in this latitude, keeps up fairly. Good Beauties are still to be had in considerable quantities and carnations are also in fair condition, though some varieties are diminishing in size.

Prices diminish with the size of the flowers, as is expected. Out-door stuff, lilacs, etc., restrict the call for products of the greenhouses. Bedding stuff is in demand and apparently in ample supply. The Southern Narcissus nuisance is about over, the decline in price making further shipments unprofitable. John Cook has been shipping his Emperor to New York by the thousands and getting good returns. R.

DENVER, COLO.

The Denver Florist Club held their regular business meeting May 10 and had a very enjoyable time. Besides the routine business there was much discussion on various subjects that was of much interest to the members present. Five new names were added to our membership roll and we now have about fifty. The club meets the second and fourth Fridays of each month; that of the second is for business and discussion and the fourth is devoted to social features, which seems to strike the large majority and has tended to increase our membership.

The cut flower business has fallen off. Roses and carnations are bringing any old price. Several members of the club intend to go to Buffalo to take in the exposition. THORNE.

OLEAN, N. Y.—W. G. Ross is building three new greenhouses, covering a space 80x200 feet.

ROCK ISLAND, ILL.—Messrs Meyer & Behring, two young men from Muscatine, have purchased a piece of land 130x200 upon which they will erect three greenhouses, each 100 feet long.

SACRAMENTO, CAL.—The annual floral parade took place May 7 and was a great event. The queen of the carnival rode in a carriage decorated with 1800 white pampas plumes and 4,000 pink carnations.

25,000 Vinca Var.

Vines 2 to 3 feet long, $10.00 and $15.00 per 100. 3-inch, $4.00; 3½-inch, $6.00 per 100.

	Per 100.	1000.
10,000 Verbena Rooted Cuttings	$ .75	
5,000 Stevia	1.50	
20,000 Alternanthera, strong R. C	.60	$5.00
25,000 Good Bedding Varieties	1.75	15.00
2,000 Double Yellow Marguerites	2.00	17.50
5,000 Fuchsia, double	1.50	12.50
5,000 Fuchsia, single	$1.25	$10.00
1,000 Alyssum		
1,000 Heliotrope	1.25	10.00
1,000 Lantana, assorted	1.50	12.50

Good plants, but shorter vines, 2¼-inch, $3.00; 2½-in., $3.50; 3-in., $5.00 per 100.

	Per 100.	1000.
5,000 Lemon Verbena	$1.50	$12.50
5,000 Lobelia	1.00	9.00
5,000 Petunias, single	1.25	10.00
5,000 Pyrethrum Little Gem	1.50	12.50

2¼-in., $3.00; 3-in., $5.00 per 100.

5,000 Salvia Clara Bedman, R. C	1.25	10.00
2,000 Vinca Var., R. C	1.25	10.00
2,000 Verbenas, 2¼-inch	2.00	17.50
S. A. Nutt Geranium, 2¼-inch	3.50	
2,000 Mme. Salleroi, R. C	1.25	10.00

For anything else look at our Ad. May 2, and if you don't find it there write us.

Terms: Cash or C. O. D.

GREENE & UNDERHILL, WATERTOWN, N. Y.

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Poinsettia Pulcherrima.

The Favorite Christmas Plant.

STRONG SPRING STRUCK PLANTS, from 2½-inch pots, $8.00 per hundred. Ready June 15th.

These will make the largest plants. Later propagated will be equally as useful. Poinsettia will not endure any disturbance of the roots when large, so start with small healthy plants.

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NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

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SPECIAL IN.....

GERANIUMS.

10,000 4-inch. 5,000 3-inch. 5,000 2½-inch.

RED, WHITE, PINK and SALMON. Write—

GEO. A. KUHL, PEKIN, ILL.

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...VIOLETS...

Orders booked now for Rooted Cuttings and Pot Plants of Imperial, Marie Louise, Farquhar, and Lady Campbell.

10,000 Crane, White Cloud and Flora Hill, from soil, at a bargain. Write for catalogue.

CRABB & HUNTER, Grand Rapids, Mich.

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Wholesale Florists,

RICHMOND, INDIANA.

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Mammoth Verbenas.

Extra large plants from flats coming in bud, 60c per 100 by mail, $4.00 per 1000. Verbenas, 2¼-inch, in large bud, $1.25 per 100.

Geraniums, fine stout plants, well budded or in bloom. Red Brnant and Double Grant, 4-inch, $5.00 per 100. S. A. Nutt and La Favorite, $6.00 per 100. Ageratum Blue Beauty in bud, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

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Nephrolepis Wittboldii

AT the left is a plant of N. Wittboldii lifted from the bench. After being photographed 40 runners were taken from this plant and potted up. It is even more prolific than the well-known Boston fern. It has not only greatly added beauty and grace but possesses every characteristic necessary to make it a money maker for the small as well as large grower. It produces with remarkable freedom, grows quickly into a fine specimen and as a house plant is fully as tough and lasting as N. Bostoniensis.

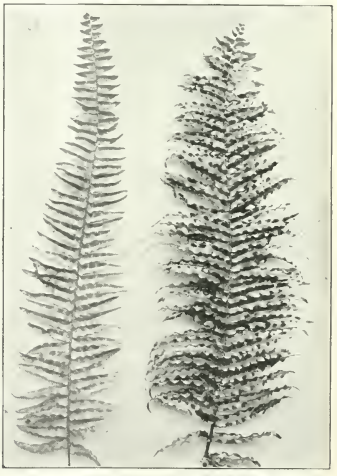
YOU NEED IT IN YOUR BUSINESS.

REMEMBER we are not sending out weak, puny plants, but Strong Vigorous Stock that will immediately produce runners if planted out in bench.

We are offering fine plants, ready for 3 and 4-inch pots at **$1.00 each, $10.00 per doz., $75.00 per 100.** The demand will be immense next year and you ought to have a stock ready.

SEND IN YOUR ORDER NOW.

See our offers of PALMS, FERNS, ASPARAGUS, CYCAS AND IVIES in Classified Advs. in this issue of the Review.



Frond of N. Bostoniensis Frond of N. Wittboldii.

The Geo. Wittbold Co.

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CARTER'S NEW CROP FERNS are ready for market. Our crop is large and I can handle orders for any amount on short notice. Dagger Ferns, carefully selected, neatly packed, at $1.00 per 1000. Fancy Ferns, carefully selected, neatly packed, at $1.25 per 1000. Write for prices on large quantities

GEO. M. CARTER, Evergreen, Ala.

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LOUISVILLE, KY.

Trade has not been so good for the past week owing to the dry spell we had. But a good rain has set in and everything is looking fine. Lots of Harrisii lilies coming in and sell at $5 per 100. Carnations around here are all planted out and the rain has given them a good start.

Jacob Schulz is cutting some very fine seedling carnations. He lately had a very large wedding decoration.

Nanz & Neuner report a good shipping trade this season.

Wm. Mann reports his trade very good; lots of funeral work.

Jos. Coenen & Co. have all they can attend to in the plant line.

Ed. Heitz has completed his new range of houses at his new place.

The Kentucky Society of Florists is thinking of going to the Pan-American Exposition at Buffalo, in a body, during the convention of the S. A. F., in August.

Mr. John Bauer, the well-known pottery man, dropped dead in his office on Wednesday morning at 7:30 o'clock of heart disease. The stricken family has the sympathy of all the florists.

Hy Lichtefeld.

UTICA, N. Y.

There was a good attendance and much enthusiasm shown at the first regular meeting of the Florists' Club held since its recent reorganization. Several were proposed for membership and it is evident at this early date that the club will enjoy a prosperous and successful existence.

The subject mainly considered was the one of holding a flower show, and while all arrangements were deferred until some future meeting it was unanimously decided that one should be held during the coming fall.

The president's table was decorated with several vases of carnations, among them some fine blooms of No. 11, C. F. Baker & Sons' seedling from Armazindy and Albertini, and a magnificent bunch of Queen Louise, J. L. Dillon's regal white, for which a vote of thanks was tendered the donor.

The next regular meeting will be held Thursday evening, June 6th. S.

AMERICAN CARNATION SOCIETY.

We have received from Secretary Herr a copy of the printed proceedings of the tenth annual meeting of the above society, held at Baltimore last February. It is very neatly printed and contains all the essays read at the meeting, together with stenographic reports of the discussions on same, and a lot of other interesting matter. It is a valuable reference book for carnation growers and should be in the hands of every one interested in this important flower. A copy may be had by anyone by joining the society. The annual membership fee is $2.00, and applications should be addressed to Albert M. Herr, Sec'y, Lancaster, Pa.

ROSE PLANTS and Carnation Cuttings.

This stock is in fine condition and is sure to give satisfaction.

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty,	**$8.00**	**$75.00**	**Bridesmaid,**	**$3.00**	**$25.00**	**Meteor,**	**$3.00**	**$25.00**
Beauty,	**6.00**	**55.00**	**Bride,**	**3.00**	**25.00**	**Golden Gate,**	**3 00**	**25.00**

Perle, $3.00 per 100; **$25.00** per 1000. **Kaiserin, $3.00** per 100; **$25.00** per 1000

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000
Guardian Angel	$4.00	$35.00	Argyle	$1.00	$9.00
Marquis	3.00	25.00	Evanston	1.00	9.00
Genevieve Lord	3.00	25.00	Frances Joost	1.00	9.00
Crocker	2.50	20.00	Cerise Queen	1.00	9.00
Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Mrs. Bradt	2.00	17.50	White Cloud	1.25	10.00
John Young	1.50	12.50			

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

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METEOR Rose Plants, 2-in., $20 per 1000; 3-in., $30 per 1000

Brides, Maids, Perles and Gates,
2-inch, $25 per 1000.

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American Beauties...

From 3-in. pots, $9 per 100; $80 per 1000. **JOSEPH HEACOCK,** Wyncote, Pa.

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American Beauties

3,500 in 2 x 2½
2½ x 3

Write....GEO. A. KUHL, Pekin, Ill.

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CARNATIONS!

THREE GOOD PINKS.

Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

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Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at $5.00 per 100 and rooted cuttings at $1.25 per 100 or $10.00 per 1000. I have some three thousand of these growing now and ready for sale.

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	Per 100	Per 1000
The Marquis, largest rich pink	$1.00	$35.00
Morning Glory, best light pink	3.50	30.00
Mrs. Lawson, famous deep pink	6.00	50.00
Ethel Crocker, clear pink	2.50	20.00
Genevieve Lord, light pink	4.00	35.00
Mrs. Lippincott, pink	5.00	40.00
Mrs. Joost, pink, money maker	2.00	15.00
White Cloud, fine white	1.50	12.50
Flora Hill, large white	1.50	12.50
Peru, pure white	4.00	30.00
Elm City, new white	4.00	30.00
Estelle, best bright scarlet	6.00	50.00
Chicago, largest red	4.00	30.00
G. H. Crane, fine scarlet	2.50	20.00
America, light red	2.50	20.00
Maceo, dark crimson	2.00	15.00
Gomez, light crimson	2.00	15.00
Mrs. Bradt, best variegated	3.00	25.00

GEO. HANCOCK & SON, Grand Haven, Mich.

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THE LARGEST FANCY CARNATION... **PROSPERITY.**

A few thousand ready for immediate delivery. All orders filled in strict rotation.

Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00

100	"	16.00;	250	"	37.50; 500 " 70.00
750	"	101.25;	1000	"	130.00.

Write for full description.

DAILLEDOUZE BROS., Flatbush, N. Y.

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ROSES. From 5-in. pots at 9c, fine clean plants. Clothilde Soupert, Gen. Jacqueminot, La France, Coquette des Blanches, Coquette des Alpes, etc., Queen of the Prairie, same size, at 8c.

CLEMATIS, finest purple, white and lavender sorts, 3-year, 90c; fine 2-year, dormant, or from 5-in. pots, 18c; fine 1-year at very moderate price.

CLEMATIS PANICULATA, strong plants, from 5-in. pots, 10c. Packing free for cash.

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We grow only good commercial varieties of mums in large quantities, select our stock carefully and supervise all shipments personally, so that satisfaction is practically assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

CHRYSANTHEMUMS.

WHITE.	R. C. Per 100	2½-in Per 100
Fitzwygram	$1.00	$2.00
Independence	1.50	2.50
Bergmann	1.50	2.50
Kalb	1.50	2.00
Robinson	1.50	2.00
Ivory	1.50	2.00
Wuedford	1.50	2.00
The Queen	1.50	2.50
Mayflower	1.50	2.50
Jerome Jones	1.50	2.00
Gretchen Buettner	1.50	2.00
Minnie Wanamaker	1.50	2.00
Chadwick	2.00	3.00
YELLOW.		
Yellow Fitzwygram	2.00	2.50
October Sunshine	2.00	3.00
Col. Appleton (new)	5.00	6.50

Yellow.	R. C. Per 100	2½-in Per 100
Golden Trophy	$1.50	$2.00
Mrs. Whildin	1.50	2.00
Modesto	1.50	2.00
Bonnaffon	1.50	2.00
Pennsylvania	2.50	4.00
Golden Wedding	1.75	2.50
Harry Burrell	1.50	2.50
Rieman	1.50	2.50
Yellow Jones	1.50	2.00
Eclipse, Yell. Chad		
wick	2.50	3.50
Yellow Mayflower	2.00	3.00
Yellow Queen	1.50	2.00
PINK.		
Marquis de Mont mort	1.25	2.00

Pink.	R. C. Per 100.	2½-in. Per 100
Glory d'Puelle	$1.50	$2.00
Maud Dean	1.50	2.50
Perrin	1.50	2.00
Vivland-Morel	1.50	2.00
Pres. Smith	1.50	2.00
Spaulding	1.50	2.50
Murdock	1.50	2.00
Autumn Glory	1.50	2.50
RED.		
Defender	1.50	2.50
Schrimpton	1.50	2.50
Childs	1.50	2.50
BRONZE.		
Lady Hanham	1.50	2.50
Chas. Davis	1.50	2.00

ROSES.

	Per 100	Per 1000		Per 100
Gates	2½-in., $3.00	$25.00	3-in., $5.00	
Maids	" 3.00	25.00	" 4.50	
Brides	" 3.00	25.00	" 4.50	
Meteors	" 3.00	25.00	" 4.50	

BEAUTIES will be listed later.

MARGUERITES.

California White	Rooted Cuttings, $1.00 per 100		
Giant Yellow	"	"	4.00 "
Common White	"	"	2.00 "

STEVIA.

Rooted Cuttings, $1.50 per 100; 2½-in., $2.50 per 100

When less than 25 plants of a variety are ordered, add 20 per cent; 5 per cent discount will be allowed on orders from 500 to 1000 plants. 10 per cent discount will be allowed on orders for 1500 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if requested. All orders are filled as soon as stock is ready. Every order has our personal supervision and will be executed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded.

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Have the stock to double the amount of sales.

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Governor Roosevelt.

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Norway The Queen of Commercial White Carnations. Scored 91 points at Baltimore. Awarded First Prize for 100 white, Bronze Medal for 12 best seedlings and first-class Certificate of Merit. Stock all sold until May 1st. Its vigorous free growth and a tendency to bloom early insures a safe investment.

Egypt A Most Distinct Dark Variety, rich and dazzling in color. Surpasses all other crimsons in length and strength of stem, exquisite spicy odor and keeping qualities. Can be had in good flower by November.

Above two varieties, $1.50 per doz.; $10.00 per 100; $75.00 per 1000.

Genevieve Lord The Greatest Money-Making Pink. A friend of the common people and a descendent of the great Wm. Scott, whose illustrious mantle it is wearing with becoming grace. Stock large and in the pink of condition. $5.00 per 100; $50.00 per 1000.

All of the new ones of this year, the best of last year, and the best standard varieties.

Chrysanthemum TIMOTHY EATON. A large stock of this giant white which came over the border from Canada and "whipped" every variety which went up against it. The most sensational White Chrysanthemum ever offered. 50c each; $5.00 per doz.; $30.00 per 100.

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GEO. A. KUHL, PEKIN, ILL.

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REDLANDS, CAL.—Upon the arrival of President McKinley and party the train was pelted with roses. The city was beautifully decorated. The broad street was literally carpeted with roses, purple lupins and red poppies, and the wealth of flowers everywhere filled the air with fragrance. Oranges were profusely used in the decorations, and the marshals of the parade wore orange ribbons across their shoulders. The exercises took place on the flower-bedecked baleony of the hotel.

PETOSKEY, MICH.—The Petoskey Floral Co. will hereafter be known as the Petoskey Floral and Nursery Co., having added a full line of ornamental trees and shrubs.

EDITOR: "Here's a line in your poem about the 'flowerets shooting into the air.' Flowers do not shoot. They grow." Poet: "But, sir, they have pistils."—*Melbourne Leader.*

NASHVILLE, TENN.—Chas. Tritschler, gardener for the Nashville, Chattanooga and St. Louis R'y, has begun planting out at the stations on his road.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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See That Ledge.

Pat. Sept. 18, 1900.

ESTIMATES FURNISHED ON
CYPRESS GREENHOUSE MATERIAL
WITH OR WITHOUT OUR
Patent Iron Gutters and Plates,
NO THREADS TO CUT FOR OUR
Patent Iron Bench Fittings and Roof Supports,
VENTILATING APPARATUS.

Send four cents in stamps for our circulars and catalogue.

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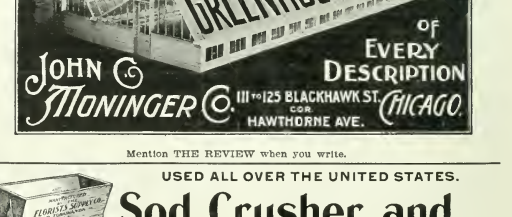

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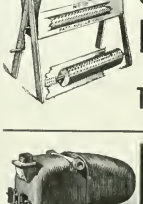

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They will save you the amount they cost you in one week. No. 1, $5.00; No. 2, $10; No. 3, $20.

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The Florists' Supply Company, North Tonawanda, N. Y.

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Hot Water Boilers, Pipes, Fittings
Send Four Cents for Catalogue. And Ventilating Apparatus

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DOES NOT INJURE THE MOST SENSITIVE PLANTS - ENDORSED BY PROMINENT FLORISTS - USED FOR FUMIGATION OR SPRAYING INDOORS OR OUT - 200 LBS. OF TOBACCO IN ONE PINT OF NIKOTEEN SOLD BY SEEDSMEN - - - - CIRCULAR FREE -

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QUICKLY DOES IT.

IF YOU WANT

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THE BEST OF ALL

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Write for full particulars to

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Lawn Settees,

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Only 8 inches of shade.
No drip whatever from glass or gutter.

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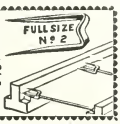

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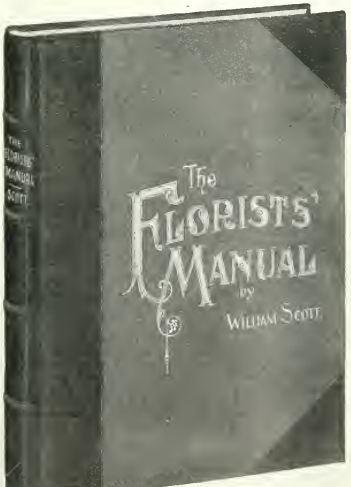

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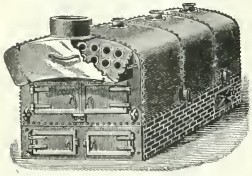

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Estimates furnished for
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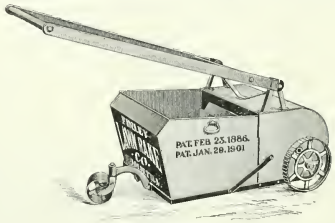

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Runs Easier Than Ever!

We have a line of literature that tells all about this great invention. Anyone who writes in will receive it and full and explicit information about our rake. **No person who has a lawn can afford to be without this labor and grass saver.** Two sizes—20-inch, $12.00; 14-inch, $10.00 net, F. O. B. Joliet. Two colors—vermilion or dark green. Endorsed by Florists, Gardeners, Seedsmen and others. Send for circular. Address
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is giving satisfaction.

Write for Catalogue containing testimonials of the leading growers.
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We found your paper the best of the lot in results.—FLORISTS' SUPPLY CO., North Tonawanda, N. Y.

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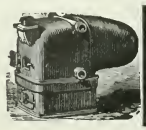

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FLORISTS' REVIEW

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. VII. CHICAGO, MAY 23, 1901. No. 182.

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Over 160 Acres of Bulbs.

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Florist Brand, per ton, $23.00; 1000 lbs. for $12.50; Bag of 200 lbs., $3.00; 100 lbs., $1.65.

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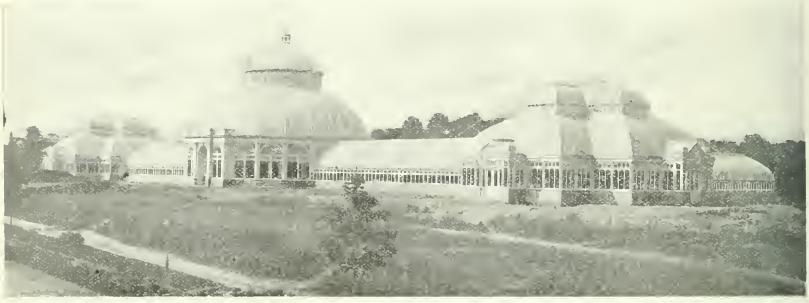

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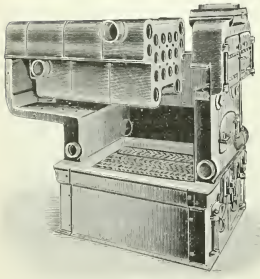

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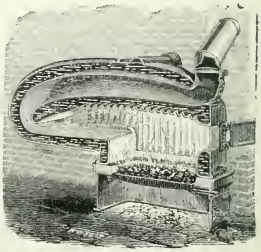

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THE RETAIL FLORIST.....

Decoration Day.

Decoration day must now be considered in many ways. 'Tis not altogether the day of sad memories which occasioned its naming. The extraordinary march of time with its ever increasing army of new people must needs change conditions. Originally a day set aside for the decorating of the graves of those who fell in defense of the republic, it has become a great and grand institution, a national day upon which the smiles of prosperity quickly dry up the tears of adversity. The young girl, in her gandy dress on pleasure bent, may be seen going half way to the cemetery with her widowed mother, and the picture typifies the present and the country, and in this light must the florist consider it. The past made the present possible, but the present is too much innoculated with its get thereisms to stop to acknowledge the debt.

Upon the florists of this country devolves the duty of preserving the original intent of Memorial Day, and in our humble opinion some organized effort should be made with that end in view. The decorating of the principal monument in each city on that day by the florists would result in a vast amount of good to the trade, for it would remind others of their duty. Here in New York the day is a general holiday, almost every line of business is shut tight. There is quite a business done in flowers to be worn on the street, and the Greeks' stands are the most patronized; the stores do very little business, especially in the afternoon, and should be closed. Almost everyone who can plans to go out of the city and many boxes of flowers are taken to friends.

The principal part of the trade, however, is in small bedding plants, and the growers attending the plant market derive nearly all the benefit of this section. Of late years some of the Sunday-schools have in an organized way bought a number of plants to decorate prominent graves. Usually the Sunday before Decoration Day the general public go out to the cemeteries to decorate family graves, consequently it may be said the greatest plant trade is done a week or more before the 30th. Almost every kind of plant and design is used. Some terrible things are seen on graves sometimes, and we often wonder if the florists' tongue or the ideas of the customer are responsible; we fear it is both in the majority of cases. This much can be said, however, to the credit of the people who have lived a few years in this country, that they prefer natural to artificial flowers for decorating purposes. Of course almost anything you have growing can be used, and it is perhaps only business to try and sell everything, but we should not forget that there are many things inappropriate.

Let's talk things over. Don't you think that you could induce some school or society to invest a small sum in connection with the greatest event in the history of their country? True, you may not make a dollar on the transaction, but you are sure to get some good from it indirectly. Better for you to do this than to loan out plants, or give flowers for nothing to some wealthy hen party. In the case of a class, society, or school buying plants from you, you might arrange to have them planted for them; in many cases we notice plants in pots put around some monuments, only to be dried up and swept away in a day or two. Where there is no room to put plants out, better induce the party to adopt the wreath.

Again, as to the Grand Army Posts, we scarcely can hold them responsible for what we see them carrying whilst on parade on Memorial Day. We are inclined to think that each post should at least carry a well-made wreath, and that every man in the post could be induced to pay 25 or 50 cents for an individual wreath, providing it was made prettily, and in quantity, small, pretty wreaths could be made for that price. Again, let us say that for Christmas and Easter we make herculean efforts to capture trade; would it not pay to make up a set of Memorial Day wreaths? Not artificial stock, but well-made designs in natural material. We are of the opinion that if such were on exhibition in your window, and on your counter from now on, many could be sold. Some special effort should be made to have our trade more closely identified with the day. It is now to all intent and purposes a florists' day, but it is yearly becoming more imaginary and less a fact, and it is the profession's own fault.

We regret to say we cannot say much in praise of the manner in which New York monuments have been decorated for the past seven or eight years, and every year it grows worse. Ten or fifteen years ago there used to be considerable rivalry among the best florists as to who could do the best work on the principal monuments, but of recent years the work has been left to amateurs or worse; the consequences are that with a few exceptions the life effort of many a famous sculptor is made for the time a thing of ridicule.

The Sons of the American Revolution and the Irish Society of New York are the only two societies who show dignity and reverence in their decorations for this occasion. The former uses a 30-inch round wreath of green galax on the in and outside of the wreath, and bronze galax in the center; on the bronze leaves in yellow lettering are the words "Sons of the Revolution;" and broad ribbons of the Continental colors—buff and blue—are tied at the top of the wreath. They are always well made and are very effective. One is placed on the Nathan Hale, Washington and Montgomery monuments here. The latter society has adopted the crescent wreath of bay leaves, tied at the top with Irish and American silk flags; these are put on the graves of those who were prominent in the rebellion of 1798.

The Swedish and Norwegian singing societies of Greater New York yearly march to the Battery, at old Castle Garden, and each club puts a wreath of flowers on Ericsson's statue. Their colors, of course, form a great part in the decoration, but they put wreaths around his neck, pile his hands full, and tie more on his legs until it seems that the poor statue smiles and scowls at its plight. Of late the colored people alone take care of Lincoln's monument, with characteristic results. Regimental monuments are disfigured by cheap paper muslin flags and flaring immortelle designs. Lafayette Post makes some attempt at symbolical decoration, but the head of Lafayette is made a substitute for a tent pole from which to suspend

The Big Bell of Apple Blossoms and the Monogram.

A Wedding Decoration.

ropes of greens. We might go on indefinitely to describe these decorations. Lincoln has often a wreath of immortelles or green put round his neck; Washington is often made to hold a wreath, as if about to present it; Farragut is holding an anchor, as if he were going to throw it overboard; Grant carries wreaths on his shoulders, or one around his hat; and why all this? Is it not time that the florist should know what is proper; what constitute, if not the rules, at least the etiquette of art? To find shelter behind the ever-ready excuse that the people do not appreciate art, but are forever demanding caricatures of it, is cowardly.

Let us point out a few things. Six sprays of leucothoe, green or bronze preferable, tied both sides of a ten-inch wire ring, a small silk flag tied in the center at the bottom, makes a pretty little wreath that will appeal to any Grand Army man, and it can be made and sold at a profit for a few cents. The same kind of design can be made of boxwood, mountain laurel, bay leaves, galax, cycas, ivy or any substantial green with only a few cents difference in the cost. The manner of making up the wreaths should be such as to add value to the material; they should be the same on both sides, made good and substantial and tidy, and have the national flag attached. We

The Balcony.

A Wedding Decoration.

are under the impression that if florists would take a sample of these to the proper authorities, almost every man parading in commemoration of the day would carry one of these wreaths to a comrade's grave.

Where a collective wreath is desired it can be made of lasting flowers such as roses, carnations, hydrangea, in fact anything that will last several hours parading, but there should be flowers, not tinfoil, on the reverse side, and the wreath should be any size from two to five feet in diameter. The only correct wreath of green to put on a soldier's grave is a crescent wreath made full and round, with bay leaves; of course there are several others, which as things go are good. A wreath of small cycas leaves, the lightest of all wreaths (and weight is a very important matter where things have to be carried long distances) can be made on a frame work of fine wire netting. This is done by taking a crescent wreath frame and fixing the netting in the shape the wreath is when mossed, individual leaves of Lanrus nobilis or leucothoe are then fastened on by wire hooks, twisted on the inside; the reverse side of the wreath can be greened with ferns, or Asparagus Sprengeri, or smilax; there is no moss or sticks used. This style of wreath could also be used for general carrying purposes.

Party emblems or designs, the most of which are at best monstrosities, are entirely out of place on Decoration Day. Often we see anchors, fire trumpets, swords, flags, post or state designs made of several colors in immortelles or cape flowers; these are carried admiringly in processions; but that does not make them appropriate nor justify their manufacture. The florist is mostly to blame for it. Harmonious effects of course are always delightful, but the use of colors in almost any form are permissible for this event, in fact the more cheerful the colors the better. You are not providing for a funeral, you are beautifying memories, consequently bontonnieres of red, white and blue (corn flowers, red rose, white carnation, or any such), loose bunches of flowers or small wreaths of flowers are distinctly good; even the wearing of an ivy leaf shows some thought of the full meaning of the day, and when you consider the vast amount of material such as rhododendron, Azalea Mollis and all manner of outdoor flowers growing in the gardens or nurseries of the land, to no purpose beyond the commercial value of the plant, there are immense opportunities lost in not creating pleasure and thoughtfulness in the minds of school children, grown up people and the veterans, that there is something beyond cemeteries to be proud of on that day.

Whilst on the matter of national colors we would say red, white and blue ribbon is not expressive enough, there are too many tricolors and combinations of colors to typify other countries; flags are the only things to use, the only things that cannot be misunderstood.

IVERA.

A WEDDING DECORATION.

We present herewith several engravings from photographs of a wedding decoration arranged by the Geo. Wittbold Co., Chicago, at the Germania Club, that city, recently.

The huge bell suspended from the ceiling in the dining room was eight feet in diameter and was of apple blossoms, the blooming twigs being inserted so thickly as to make it a solid mass of bloom.

The balcony was banked with decorative plants and in the central foreground was a huge vase of American Beauties, hardly discernible in the picture. As all the photographs had to be taken by flashlight, detail is not as perfect as could be wished.

One picture shows the decorations where the ceremony was performed, and here the leading flowers were lilies and white carnations, while Nephrolepis Wittboldii and asparagus were freely used as greens. Just in front and not seen in the picture was a hollow floral ball filled with loose flowers. Small white ribbons led from this to a nearby doorway and at the conclusion of the ceremony a pull at the ribbon opened the ball and the contents fell on the couple.

As will be seen in the pictures, wild smilax was freely used overhead and decorative plants occupied all available points of vantage. But the best effects in decorative plants were on the stairs and in the alcoves and turns of the hallway above, which it was unfortunately impossible to photograph for lack of light and inability to use a strong enough flash to give any detail.

The general view will give some idea of the decorations on the tables. This view was taken from the balcony. The price of the decorations was $400.

A RETAILER'S VIEWS.

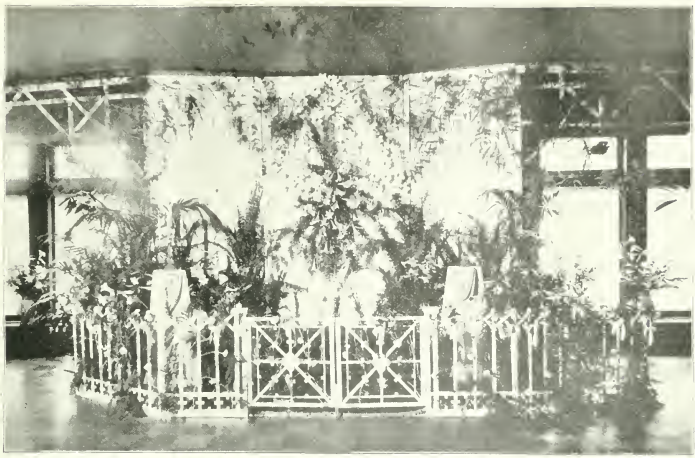
"How The Grower Should Do."

BY E. A. SCHERER.

[Read before the Detroit Florists' Club.]

Andrew Carnegie has said that the three things necessary to build up a commercial success are: First, capital; then, management; then, labor. Of course, he did not refer to the florist's business; if he had, no doubt he would have mentioned labor about a dozen times to capital and superintendence once. Of course, we know there is a great amount of work in all branches of the business, but we presume it will be admitted that the work, worry and the thousand and one annoyances that must be borne by the retailer outweigh the troubles of the grower at least a thousand to one.

The retailer is the prime mover in keeping flower lovers in buying humor, making new enstomers by every known means, forever catering to the whims and fancies of customers, so that no opportunity is lost to keep the growers' stock moving from the greenhouse to the user. A slave to the grower, a slave to the flower buyer, a loser from stale stock that was perhaps half asleep when the grower unloaded it, a loser from bad debts, a loser in many ways



Where the Ceremony Took Place.

A Wedding Decoration.

that eat mighty heavily into that mere pittance denominated profit, it seems to us he should be accorded at least fair treatment by the grower.

One of the freaks of the growers, which amounts almost to vandalism, is the custom of holding up stock on the approach of a holiday. The result is you unload a lot of unsalable stock at an extortionate price that your retailer often sells at a fearful loss in two ways—first, his legitimate profit has been sacrificed; second, his customers have been so grieved by seeming extortionate prices that they vow never to buy another flower, and many of them stick to it, so the aftermath is simply a falling off in trade away below normal, with the fault settled on the retailer when it should rest on the grower. We simply state the case with the hope that a full discussion will somewhat mellow this crowning injustice to the poor retailer.

Another thing we think the fair-minded grower ought to do: When prices change either way we think it only common courtesy to notify your regular buyers of the fact; in these days of telephones it is very little trouble and ought to be a common practice. We also think the grower should be careful in grading his stock if he expects the sky-high price. He should be sure the stock is right in quality and right in count; it is not very satisfactory to the retailer to unpack a lot and find either short count or a sprinkling of off stock which must be sold at a loss if at all. Another thing: When a grower has taken an order for stock we think he should be sure to fill it on time, and if there is any chance of not being able to do so, notify the customer at once so he may square himself with his customer.

Another funny notion of the grower is to catch up a trade paper and notice the quotations on graded stock in which he may find a higher price quoted for fancy goods than he got for the last lot sold. He is quite likely to jump his price to the highest point, although he never visits any other concern to find out whether his stock is high grade or not.

There are seasons when the grower has more stock than the retailer can handle under present methods, as the retailer cannot see his way clear to make the price low enough to absorb this surplus on account of the cost of selling and handling. We think the retailer would do well to make a price, say "40 carnations, 40 cents." If this would not get the surplus to the consumer through proper channels let the balance go to the dump pile and hang the grower that unloaded his stock at the corner grocery. Of course, I wouldn't be too hard on him for the first offense, for I must say the growers are a pretty good lot of fellows after all.

One point we hope will be aired in our discussions to follow is the advisability of growing more hardy or herbaceous flowers and flowering plants for the summer and fall trade. We think there is a field of great promise along these lines.

MISCELLANEOUS SEASONABLE HINTS.

Decoration Day.

Decoration or Memorial Day is one of the big floral days of the year. Not anything like Easter or Christmas, yet a day of very hard work. In some communities many more and elaborate decorations are made than others. It is rather a time of cheap flowers. To the plant-man who fills vases for cemeteries it is a season of the hardest work and there is a sigh of relief when Decoration Day is over.

For a good many years when a customer said, "I would like my vase filled for Decoration Day," we were foolish enough to say, "You had better wait a few days; we often get a cold spell round about the 30th." Now that used to throw any amount of work on us for the first week of June. We were just overwhelmed, for directly June the 1st came you were asked rather snappishly, "Why is not my vase filled?" Fill all your orders at the earliest opportunity you can. Don't delay a day. Get them out.

Vases and Boxes.

Few of you may be situated just as the writer is. At one time we used to send two or three wagons out; two loaded with plants and one with the soil. We thought, of course, that we were doing the very best thing, but we have learned better. Plants got killing dry. As part were used, the remainder shook about, lost the earth from the roots, and there was always a good percentage came home looking as if they "had been up all night" and a total loss. It is far better when within a mile or so of the cemetery to bring home the vases, at least the bowl that holds the plants. It is better in every way, for you have the whole greenhouse to choose from and there is no waste of plants, no broken pots or plants, or drying out that it will take

them weeks to recover. We do the same with veranda boxes whenever they are no larger than four men can handle, for you can almost fill a six-foot box while you are looking out the plants if they had to be filled at the house.

Always cover the surface of vases and boxes with green wood moss. It is a background to the plants if there should be a bare spot or two. It acts as a mulch, preventing evaporation, and the roots of plants find their way into it. Altogether it is most desirable both for appearance and benefit to the plants, so don't say you can't get it or afford it. I will remind you once more that the soil used in the cramped conditions should be very rich to support six times the plants that you would put in a flower bed of the same area.

We have never yet found a plant so suitable or satisfactory for the center of a vase as the Dracaena indivisa. It thrives under the hardest treatment and grows stout and symmetrical with wind and sunshine. Cannas are often used, but they grow too tall and exhaust the soil so much that other plants are starved. Of all the palms, the only one suitable for the purpose is some of the phoenix. Latania, areca and kentia all burn, because it is impossible to keep them wet enough. Chamerops are fine for the purpose, but their price is out of the question in a three or four dollar vase.

Many vases, particularly for the cemetery, are now filled with one variety of geraniums, and very satisfactory they are. Perhaps a white variety round the edge with a pink center is the prettiest combination, and I know of several vases that always look fine that are filled with geraniums of seven or eight varieties. You can't go wrong in a good mix-up, but don't let the pink of Frances Perkins and the scarlet of Nutt be the only two or the effect will be most depressing. A vase of coleus looks well if kept well pinched and cared for, and so does a whole vase of Begonia Vernon.

A great many orders are: "Fill my vase with a nice mixture and plenty of vines." These vines, if the situation is windy, are simply a nuisance and soon get shabby, so unless the place is sheltered, persuade your customer to dispense with them. If you do use so-called vines, the hardiest only should be used. Of these the best of all are the vincas and English ivy, if bushy, and you are sure the vase will be kept well watered. There are several pretty things, among them lobelia, ivy geraniums, money vine, senecio, lophospermum, glechoma (particularly the variegated form of this weed), nasturtiums and several others, all good for veranda boxes and vases; but if in the sun and wind and neglected as to water, they soon get shabby and are anything but an ornament.

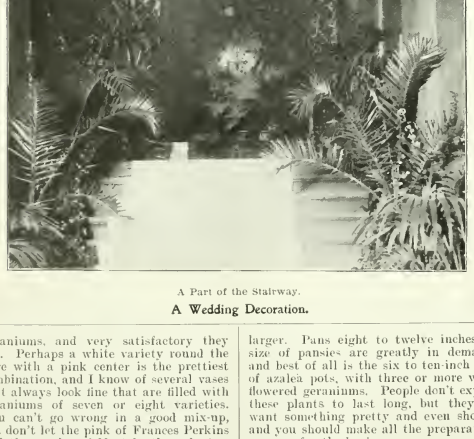
Pot Plants.

Decoration Day with us is more of a plant time than cut flowers; that is, the majority of people will take out a plant worth 25 or 50 cents rather than a ragged bunch of flowers. Remember that many visit the grave of a departed friend on this day. They have no opportunity to go there for months and they want to place something there, to them the sacred spot. In our beautiful Forest Lawn you are not allowed to disturb the sod, but a potted plant can be placed there and will be respected as long as it doesn't look shabby. Thousands of pots of geraniums are taken out, and here is where a well-grown four-inch plant with two or three flowers sells well at 20 cents each.

Many, of course, want something larger. Pans eight to twelve inches in size of pansies are greatly in demand, and best of all is the six to ten-inch size of azalea pots, with three or more well-flowered geraniums. People don't expect these plants to last long, but they do want something pretty and even showy, and you should make all the preparation you can for the business.

In another week we will be in the midst of our bedding business. I can only give you this advice: Don't let two or three wet days occur without firing up a little or much damage can be done. Fire with ventilators wide open and harden off all you possibly can.

William Scott.



A Part of the Stairway.

A Wedding Decoration.

CYCLAMEN FOR SEED.

By Paul Kopanka.

[Read before the Chicago Florists' Club, May 17.]

In response to the request made by the club at the last meeting, I have prepared the following on Cyclamen persicum. I am going to say something about the culture of cyclamen for seed in an extensive way. My experience is that the best time to sow the seeds so as to get strong plants for producing seed is during the months of August and September.

Sowing.

Make a preparation of soil containing two parts of leafmold, one part of peat and one part of very clean sand. Mix all up well and sift through a fine sieve. Take shallow pans, clean them thoroughly and fill to the top with the above mentioned soil. Press down very lightly and evenly and sow the seeds evenly but not too thickly. Cover seeds with a very light layer of this same soil by taking the sieve and sifting soil over the seeds. Press down lightly again and water with a fine rose. Put on top of each pan a sheet of blotting paper and from now on water only on top of the blotting paper. The blotting paper on top of the seeds has the advantage of keeping the pans evenly moist; the seeds will come up more evenly and there is no danger of overwatering or getting green moss or fungus on top.

If you have first class seeds they will sprout in three to four weeks. Label each pan with the name of the variety and the date of sowing of seed and keep all pans of the same variety together so that no mistake can occur when pricking out begins. Place the pans in a well shaded house near the glass. The temperature in August or September is hardly controllable. Give plenty of ventilation but avoid draughts and be careful not to allow the pans to get too dry. During the hot weather examine them twice a day to see whether they need water or not.

After three weeks take the blotting paper off. By this time the seeds will begin to have little bulbs and the first leaf will be formed. Be careful now and water only with a fine rose on the sprinkling can when necessary. After the little bulbs have made two leaves and the bulbs are fully out of the soil prepare shallow flats about two inches deep. Before using the flats whitewash them. Have plenty of holes in the bottom for drainage and put a very light layer of moss on the bottom. Fill the boxes with the same soil as was used in the pans, only add one part of very old rotted cow manure which looks almost like earth; press lightly down. Begin to prick out the little plants from the seed pans, planting in rows one-half inch apart and have the rows one inch apart. When all plants are pricked out place them in a house devoted only to cyclamen.

Cyclamen Houses.

The houses should be low two bench houses from two to three hundred feet long. The longer the houses are the easier it is to have good air in them and the floor in the houses should be made of brick, the supports of the benches of iron, the bottom of benches of slate. The slate benches when watered stay longer moist and cool the air, so the floor when syringed stays wet longer and

The supper room with guests at table.

A Wedding Decoration.

also cools the air and gives the cyclamen a more favorable atmosphere. Give the cyclamen the most natural cultivation possible. The ventilation is preferred from the top to that from below. Water heating is also preferred to that by steam.

Place the flats of plants on the slate benches. If slate benches cannot be had put the flats on the coarse gravel which has been put on the other benches. Leave the plants in flats until they have touched each others' leaves and no ground can be seen. It is of greater advantage to prick out the young plants in flats first and then put into little pots because the young plants out of the flats are much stronger, have larger bulbs and more and stronger roots. When planted in 2½-inch pots they will more quickly take hold of the soil and form a stronger bulb.

By this time the young plants will have reached the month of October or November. If the temperature goes below 50 degrees in October firing should begin to keep the temperature at 50 degrees at night because August and September being very warm it is very easy to check the young plants by low temperature and then all kinds of diseases will take hold of them as the young plants are very tender. Keep this temperature during November and December. On bright sunny days syringe the plants lightly over the foliage, keep walks well damped and give plenty of ventilation but avoid any direct draughts.

About the beginning of January begin to pot the little plants into 2½-inch pots with the same preparation of soil as that used in the flats, only leaving out the peat and adding one part of well rotted sods and sifting through a coarser sieve. Place on the slate benches, pot against pot, raise the temperature to 55 degrees and water only with the watering can. Shift the plants from 2½-inch to 3-inch when well rooted through.

It will now be about the month of March. Prepare the hotbeds for the cyclamen out of doors. Make a good layer of horse manure, let the manure get good and hot, take all the sash off, permit all ammonia to escape, put on a layer of very loose soil about six inches thick and put close to the glass. Plunge the 3-inch potted cyclamen in rows, the space between pots being from two to three inches. Put the sash on and shade the glass by whitewashing. Now very close attention to the hot-beds is required. When the sun is out give plenty of air by alternating the sash, one on top, next below. During dark and damp weather give a small crack of air. By this treatment the young plants will make a vigorous and compact growth, with large leaves on short stalks. If at night heavy frost should appear, cover all sash with boards; if the weather should be unsuitable in March prepare everything a month later.

When the plants are well rooted in the 3-inch pots repot into 4-inch pots with same preparation of soil as the 3-inch had, only adding a very little bone meal and coarse sand instead of fine sand. Plunge again into hotbeds without bottom heat, again near the glass. Now the plants will have reached May or June. Elevate the sash about two feet above the plants. Make a shade above the elevated sash by drawing a white cloth from one end of the frame to the other. From now on you may be liberal in watering and if carefully done use the half-inch hose. Syringe two to three times a day, both plants and surroundings. When again the 4-inch are thoroughly rooted through shift them into 5-inch pots with a preparation of soil, half leafmold, half old sods, one part old rotted cow manure, some coarse gravel and a little bonemeal. This to be all chopped up and well mixed. But it is not necessary to shift any more. Plunge again in hot-beds as described above but leave the sash off entirely and shade only with white cloth from 9 o'clock in the morning to 4 o'clock in the afternoon. If heavy rain is in sight put the sash on.

The last shift into 6-inch pots, will be in October or November. Before shifting select all the strongest and best plants from each variety you are going to raise seeds from. If the 5-inch are well rooted through, I mean if there is no more nourishment left, shift them into 6-inch pots so that half of the bulb is above and the other half below the ground. All the shifting should be done in this way.

Be careful to insure good drainage by putting broken crocks at the bottom of pots with still the same soil as 5-inch, but adding a larger portion of well-rotted cow manure. The nights are now starting to get cold and plants are already well hardened off; it is not advisable to leave them out in frames any longer. Before placing them in houses have the houses thoroughly clean. This being done, begin to place the 6-inch pots

on benches, giving each pot plenty of room, so when the flowers form the seed pods and begin to hang down they will not lay on each other and commence to rot, and that the sun will also strike all the pods to ripen the seeds. When the plants come in full flower and the 6-inch pots are again well rooted through give them once each week a feeding of dissolved guano or liquid manure; this feeding will help them to develop larger flowers and also larger seeds.

The temperature at night will now be 40 degrees to 45 degrees, in daytime during dark, cold weather 50 degrees, with the admission of very little air, and in bright, sunny weather syringe the walks and foliage, but be careful not to syringe the flowers. The watering of the 6-inch pots should be done with the greatest care, only a watering can to be used, and do not use cold water. Have a barrel or two at the end of each house and fill at night with water to use for watering the following day, so that the water gets the house temperature. Well-grown cyclamen plants ought to have, when in 5 or 6-inch pots, 100 to 200 flowers per pot. Never syringe cyclamen when in full flower.

If fumigating is necessary fumigate before the cyclamen are in full bloom. If is advisable when the weather is warmer to partition off each variety by drawing white cloth through the space left between each variety, so that no insects or bees get the pollen of one variety on to that of the other, and it is a good thing to have white cloth or mosquito bars over the ventilators for the same reason. In this manner you can surely keep each variety true.

When all the stalks and seed pods are hanging down help them to get the right place around the pots, and if necessary elevate the pots by putting them on top of 5-inch pots turned upside down. It will perhaps be necessary to change temperature a few degrees higher or lower, which has to be judged by the growth of the plants.

In April or May the seeds will be getting, or already are, ripe, which depends upon the weather and sun. Watch carefully to see if a pod here and there is bursting; if this appears the harvest begins. Cut all the stalks off, near the bulb, spread a cloth on a table in a dry place where the sun strikes it, and the pods will all spring open and the seeds will lay on the cloth. There may be a number which will not open by themselves, so help them a little by rubbing between your hands. Separate the seeds from the stalks and empty pods. In separating the seeds the largest ones will be first-class, the next second-class, and the smallest the third-class. I prefer to always buy the first-class seeds, because they give the best plants.

By growing cyclamen in an extensive way I mean from two to five thousand 6-inch pots of each variety. It has slipped my memory how many plants are needed to produce a pound of cyclamen seeds, but it is still a well-paying business.

I will speak some time later of the sowing of cyclamen in February instead of August or September, and of propagating cyclamen only from eyes.

SOCIETY OF AMERICAN FLORISTS.

The meeting of incorporators of the Society of American Florists and Ornamental Horticulturists under the new charter granted by Congress was held in Washington, May 14. President O'Mara presided, and after much deliberation a constitution and by-laws were adopted to meet the changed conditions.

There is but little change from the old set of laws, except in the method of nominating and electing officers and an article on "Co-operative Societies," which affects somewhat the membership of the Executive Committee. Under the new law nominations shall be made orally at the morning session of the second day and the election shall be by official ballots prepared according to the Australian form, containing the names of all candidates nominated for the various offices. The article on co-operative societies follows:

Any national state organization making application therefor whose aims and purposes are in harmony with the charter of the Society of American Florists and Ornamental Horticulturists may be enrolled as a co-operative society by an affirmative vote of this society.

Delegates.—Each duly enrolled co-operative society having a membership of 50 or more, of whom at least 25 are members in good standing of the S. A. F. O. H., shall be entitled to elect one delegate annually who shall serve for one year as a member of the Executive Board with all the rights, powers and privileges appertaining thereto.

Registration.—All registration of new plants by members of co-operative societies shall be effected through and by the office of the Secretary of the S. A. F. O. H., under the rules of said society. In case of dispute as to a name, it shall be referred to its special society for settlement, subject to the final approval of the Society of American Florists and Ornamental Horticulturists; and all legislative botanical, pathological, or entomological matters shall be referred to the regularly constituted committees and authorities of said society; any expense appertaining thereto to be paid by the S. A. F. O. H., subject to the approval of the Executive Board. The secretary of this society shall incorporate in his annual printed report of the proceedings of this society, such reports of said co-operative societies as may be furnished annually by the secretaries of said co-operative societies.

Support of Special Exhibitions.—The S. A. F. O. H. may pay at any time to any co-operative society holding a public floral or horticultural exhibition, in any part of the United States, such sum as may be voted by the Executive Board; said sum to be used in support of said exhibition; and may at the order of said Executive Board contribute premiums, medals or certificates as awards for new plants or flowers of American origin or other products of American skill deemed to be of special value to horticulture.

Rights Reserved to Co-Operative Societies.—The foregoing obligations and privileges shall not be held as in any way impairing the autonomy of regularly organized societies that may become parties to these provisions, or restricting their rights to self-government, otherwise than as specified herein.

The officers elected at the New York convention were re-elected under the new constitution and the members of the Executive Committee were reappointed to serve until their successors are appointed.

Those present at the meeting were: President P. O'Mara, Secretary W. J. Stewart, Treasurer H. B. Beatty, and Messrs. C. W. Ward, Lawrence Cotter, W. F. Gude, J. N. May, Robert Craig, Edwin Lonsdale, E. Buettner, James Dean, P. Welch, J. G. Esler, Wm. R. Smith, Benj. Durfee, W. G. Bertermann, Leonard Barron, Fred Mathison, A. Gude, P. Ganges, Alex Wallace, Wm. Fraser.

In the evening the visitors were entertained by a banquet at the Ebbitt House, tendered by Messrs. Benj. Durfee, W. R. Smith, W. F. Gude and J. H. Small, Jr. W. R. Smith acted as toastmaster and Hon. Amos Cummings, who was instrumental in getting the charter through Congress, was one of the guests. The speeches were all of a congratulatory order and Mr. W. R. Smith received many expressions of thanks for his earnest, continued effort in the matter of securing the charter.

The book that saves money for you like the Florists' Manual, by Wm. Scott, is the book for you to have handy.

PAN-AMERICAN EXPOSITION.

The Tulip Beds.

The illustrations are from photographs taken on the 9th of May. The beds were then at their best and all are the exhibit of F. R. Pierson, of Tarrytown. He used 42,000 tulips in six beds. The largest contained 13,000 bulbs, the next 10,000 and the remainder were in the other four. In the whole 42,000 there was scarcely a bulb but what was true to name and they must have been of the highest quality, for the flowers were uniformly fine. They were a revelation to all who saw them, and, as a man expressed it, "It was the greatest display of tulips ever seen outside of Holland."

One view shows in the background the Horticulture building on the left, the connecting conservatory, and on the right the Mines building. The Tower is seen over the top of the conservatory in the distance, 405 feet from the ground.

The view showing the standard and pyramid sweet bays was near the Women's building. This modest building was the only building on the grounds; formerly the Country Club. The four towers in the distance had at the time the photograph was taken the scaffolding still around them. They are surmounted by some grand statuary. Beneath them is a marvelous grotto 400 feet in length.

The other picture is the one containing the 13,000 bulbs. It may be of interest to those who plant bulbs in the fall to know that these were planted about the 1st of last December. The ground was then very wet. A blunt stick was used and the bulb was put down about five inches. I mention this because we saw other people preparing beds at great expense; excavating the soil, putting an inch of sand, placing the bulb, and then covering with four inches of earth. Of course, the great majority of gardeners know that that is very old-fashioned and entirely an old fogy notion. Late planted bulbs are more satisfactory than earlier ones. I believe the later you plant before frost sets in the better.

The varieties sent by Mr. Pierson were Wapin von Leyden, white striped; Coleur Ponceau, cherry and white; Rachel Rush, a pink; Alba Regalis, a fine stout white; Cottage Maid, perhaps the best of all the pinks; the well-known Kaiserskroon; La Immaculte, a fine white, but drops its petals too early; Artus, the brilliant little scarlet; Brutus, a beautiful crimson; Chrysolora, perhaps the best of all yellows; Duchess de Parma, orange and red; Crimson King, a large crimson; Standard Royal Silver, a beautiful striped; and Yellow Prince. Altogether these beds have made a most magnificent display.

I may add, while describing this section of the grounds, that since the photographs were taken many choice evergreens, Dracena Indivisa, Catalpa Bungeii, Russian Mulberry, and other trees, have been planted on the margins of the roads. Altogether it is a grand and attractive spot.

Dedication Day.

Dedication day was a great day in the history of Buffalo. The excitement, the mob, the parade and other features made you think it was a magnified Fourth of July and it would be all over in the morning, but there is five months more of it and we hope we will be able to endure it. The papers say over 100,000

Tulip Bed at the Pan-American Exposition, with Horticultural Building in Background.

people entered the gates. I shou'd have thought there were many more. The daily press will give you an account of the many celebrities who were here, from the vice president of the United States upwards and downwards. Multi-millionaires and fierce looking senors from South America, poor but proud. The parade was a gorgeous affair. The clearing up and finishing touches went on at a great rate and the whole place was in fine order.

I am glad to say that the fine portion of the grounds given up to outside horticultural exhibits, the most beautiful spot on the grounds, is in perfect order and was greatly admired by many thousands. The tulips still made the grounds gay. Since my last notes there has been added to the exhibit seventy-five specimen evergreens by Thos. Meehan & Sons, of Germantown, Pa., which fit in finely. Bobbink & Atkins occupy a large space with many choice specimens. It is a grand exhibit. F. R. Pierson has sent another carload of sweet bays, evergreens, rhododendrons, palms and other fine plants. Mr. Pierson has most generously loaned the New York state building a number of fine plants to decorate this marble palace for the season.

Mr. J. D. Ei-ele paid us a visit on Sunday to look over the many exhibits of the big firm of Henry A. Dreer. They made a fine exhibit of palms and ferns in the center of the horticulture building. It is a fine position and when complete will add much to the finish of this fine building. The Dreer booth in the north conservatory is a very ornamental affair and makes a fine appearance as well as being a good exposition of their varied line.

The Rose Show.

The rose exhibition was a great attraction and almost all arrived in the best order. The awards will not be published for a few days. There were no poor flowers and many were of great excellence. The Queen of Edgely were the best samples the writer has yet seen. Flowers up to date have been received from John H. Dunlop, Toronto; the H. Dale Estate, Brampton, Ont.; C. T. Guenther, Hamburg, N. Y.; S. J. Reuter, Westerly, R. I.; Benjamin Dorrance, Dorranceton, Pa.; W. J. Lawrence, Mimico, Ont.; American Rose Co., Washington, D. C.; Peter Crowe, Utica, N. Y.; George E. Fancourt, Wilkesbarre, Pa.; Lake View Rose Gardens, Jamestown, N. Y.; W. J. Palmer & Son, Buffalo; S. A. Anderson, Buffalo; Floral Exchange, Philadelphia; Florham Farms, Madison, N. J., a notable exhibit from the latter establishment being 100 blooms of a magnificent yellow carnation, a perfect flower with a great stem, named Miss Aubrey Campbell.

Mr. Ulrich is hard at work getting out the bedding plants in the many courts. There are some beautiful displays of pansies in the Grand Court. When the vases are filled and the many spots destined for flowers are filled up it must be a most beautiful picture.

The Paeony Show.

The dates set for the show of peonies, May 28 to June 7, would in ordinary seasons have suited the majority of growers throughout the country, but on account of the very late season these dates will find few paeonies open. Without changing the dates we will be very glad whenever a grower has flowers that he wishes to exhibit to receive them at any time, and they will be judged as soon as received.

WILLIAM SCOTT.

Exhibition of Paeonies.

The special exhibition of paeonies at the Exposition takes place May 28th to June 7th. Following are the classes:

Class 1—General collection of officinalis type.
Class 2—General collection of tree or Montan varieties.
Chinese or herbaceous section:
Class 3—Vase twenty-five blooms pure white.
Class 4—Vase twenty-five blooms white, shaded pink.
Class 5—Vase twenty-five blooms light pink.
Class 6—Vase twenty-five blooms dark pink.
Class 7—Vase twenty-five blooms crimson.
Class 8—General collection of Chinese, not less than five blooms of one variety.
Class 9—General collection of Chinese single varieties, not less than five blooms of one variety.

Entries must be received by superintendent not later than May 25.

Exhibits must be in place not later than noon of the opening day.

Any exhibit in one class will not be considered as competing for award in other classes.

Entries should be addressed to Wm. Scott, Horticulture Building, Pan-American Exposition, Buffalo, N. Y.

Other special exhibitions to take place during the summer are as follows: Hardy Roses, June 18 to 28; Sweet Peas, July 23 to Aug. 2; Gladiolus, Aug. 6 to 17; Asters, Aug. 27 to Sept. 7; Dahlias, Sept. 17 to 27; Chrysanthemums, Oct. 22 to 31.

WASHINGTON, PA.—Richard Forrest is building two new houses. One 20x80 feet is for carnations, and one 30x60 feet is for Meteor roses.

MENDENHALL, PA.—J. Frederick McCord is building an addition to his greenhouses and a two-story frame office.

INCREASE your foreman's ability by giving him a copy of our Florists' Manual—prepaid for $5.00.

NEW YORK.

Club Meeting.

The regular monthly meeting of the Florists' Club was very well attended, and many faces were there that are too seldom seen. President Sheridan occupied the chair. The ways and means committee, in reporting progress, stated that they had received two prizes of $50 each from Samuel Thorne and Lawrence Hafner for the October show. The exhibition, through J. W. Withers, reported that prospects were very bright for the grand show in Madison Square Garden. Schedules had been sent out and any one requiring a copy could have same by notifying him at 136 Liberty street. On motion of Mr. O'Mara, a copy of the schedule will be sent to the officers of every horticultural and floricultural society in America. Mr. Langjahr, of the summer outing committee, stated that Locust Point was being considered as a suitable place to take the crowd the second week in July; the committee was empowered to make arrangements. Mr. May, as delegate to the meeting of the Chrysanthemum Society, informed the club that he had been given nothing but encouragement for the New York show.

A committee on transportation to Buffalo was then appointed. This consists of Messrs. Langjahr, Withers, Burnham, Herrington, and Butterfield. On a call being made as to who present intended going, almost the entire assemblage arose. There will undoubtedly be a very large crowd go from here to see the Midway near the Falls. Messrs. Cotter, Welch and Mathison, of Boston, on their way to attend the corporate meeting of the S. A. F. at Washington, were very welcome visitors at the club's meeting, and on being asked to give his opinion of New York, Mr. Cotter said the magnitude of the city left him nothing to say. Messrs. Welch and Mathison, speaking for Boston, paid high tribute to the achievements of the New York Florists' Club and the metropolis of the country; they said it was the city which commanded the eyes of the world, and floriculturally speaking the eyes of the country were turned to the city of New York.

Mr. James Dean, on being asked to say a few words, said the last three or four years were the hardest he ever experienced, for without his range of glass and stock of plants to care for, he was like a fish out of water. He spoke feelingly of his old place at Bay Ridge, of the drawbacks of the business, of its lights and shadows; he hoped for the day when his son would be able to manage a place when he would once again be among his pet plants (and those present hoped that, too). He said they were going to Washington to do something to elevate the profession, and asked those around him for ideas that would help them. Mr. O'Mara said that there was no calculating the vast amount of good that would result from the future working of the national society; it was, he felt, destined to benefit not only the trade, but the private gardeners and all connected with the growing of plant or flower.

Mr. Henshaw, having just returned from a trip to the West Indies, gave some interesting stories of life there. The market of Guadulope was the poorest he ever saw. $10 would buy the entire stock of fruits and vegetables for sale there; Barbadoes was a beggar town; Demarara was of much interest to plant-men. At the Botanical Gardens there he saw the finest lot of palms he ever saw, whilst all kinds of magnificent water plants grew in the canals, which ran through each street. At Carona Falls he saw 21 varieties of begonias growing on one rock, and on the Blue Mountain at Jamaica he found several almost extinct plants, among which was an immense patch of Fuchsia gracilis. He recommended the West Indies to any one wishing a winter trip.

Messrs. Stewart, Butterfield, Plumb and Lucas entertained the meeting with songs and stories, and the house committee worked hard to quench the fires of thirst. J. H. Troy had on exhibition several varieties of Hedera arborea, and a vase of Azalea ledifolium, for which the awards committee gave him honorable mention.

The condition of business could be much worse, in fact it is expected to be so when outdoor flowers come in.

An Exhibition.

A two days' flower and plant show was given by the Horticultural Society of New York, and the New York Botanical Society in the Museum of the Gardens at Bronx Park, May 8 and 9. Some very interesting exhibits were arranged. Competition was not very keen, but the basement floor of the large hall was well filled. Several good prizes were offered, and Siebrecht & Son, of New Rochelle, captured most of them. They won first in collection of ferns, group of crotons, group of palms, foliage and flowering group, collections of shrubs, nepenthes, bromeliads, and second for six orchids in bloom.

P. Onwerkerk, of Jersey City, showed a group of very choice and well-grown conifers; J. H. Troy also put up a very large and interesting display of shrubs and a batch of Azalea Firefly; F. D. Thompson, of Prospect Park, sent a group of choice palms, and won first with his collection of daffodils. In the competition for a $50 prize for greatest novelty there were three aspirants. H. A. Dreer, of Riverton and Philadelphia, showed a fine specimen of their grand novelty Pandanus Sanderi, J. H. Troy a collection of Hedera arborea or tree ivies, and Arthur Herrington a plant and vase of flowers of the Barbarton daisy, Gerbera Jamesoni. Mr. Herrington captured the prize with his exhibit; this flower has splendid qualities and should be better known here; it is fine for decorative work; the color is very attractive.

C. Weinberg, Woodside, L. I., won first with a remarkable collection of cacti, he having some 325 varieties on the table. The Botanical Gardens won first in collection of flowering shrubs and second in daffodils. J. Roehrs, Carlton Hill, N. J., was awarded first for six orchids in flower; they were fine. The Agassiz Association, of Bedford, put up a most pleasing and instructive exhibit of wild flowers. This association consists of four young children; their exhibit was one of the best in the hall and well deserved the first prize it was awarded. Special awards were given to a group of caleoolarias by Alex. McKenzie, of Cedarhurst, and H. T. Clinkaberry, of Trenton, for collection of cypripediums.

On the afternoon of the first day C. Van Brunt gave an illustrated lecture on cultivated plants. The annual meeting of the Horticultural Society was held the same afternoon and the old officers were re-elected.

A rose and strawberry show will be given the 12th of June in the same place and it is expected that if the American Rose Society does not hold their show in Newport they may give it at Bronx Park. For a first attempt this show was a success and the management hopes to make future semi-annual exhibitions worthy of the city. Admission was free and quite a crowd attended. The Botanical Gardens are well worth a visit. J. L. D.

PHILADELPHIA.

The Market.

The cut flower market is in poor shape; one must do a good business now to earn a small amount of money. Decoration Day comes next week; from that time until the commencements and weddings are over, business in this line is apt to be much better than at present.

It does not always denote poverty of resources when the weather is spoken of or written about; sometimes the weather deserves attention. This is the case at present. Several nights this week the mercury has hovered around 50 degrees Fahrenheit at 3 a. m. (Not a nighthawk; only an unfortunate heating experiment!) This unusual chilliness has kept back the planting out season. The orders are in, however, and stock is being rapidly sold. A very encouraging demand is noticed for the choicer sorts of plants. Crotons for June 1 delivery are popular; Pandanus Veitchii for vases and porch decorations are going well. For the same purpose Hydrangea Otaksa not too far advanced, is wanted, and so on with a number of other showy foliage and flowering plants of choice sorts nicely grown.

There is rather a paucity of decorative material to draw upon at present; a few Hydrangea Otaksa in sizes at $3 to $4 a dozen are useful. Then the popular taste for natural effects is causing a growing demand for dogwood branches, apple blossoms and other seasonable material that can be effectively used in decorating. Lilacs are everywhere and rather shunned by the regular dealers in consequence. Sweet peas are the subject of conversation when the growers meet. Just how high the vines and how forward the buds is of deep interest. A fine crop of these popular flowers seems assured for next month.

Various Items.

One of our hustling retailers went to church on Sunday, not Easter Sunday, and heard the sixth chapter of St. Matthew which gives a part of the sermon on the mount. "Take therefore no thought for the morrow for the morrow shall take thought for the things of itself. Sufficient unto the day is the evil thereof." He said it was one of the best things ever written for those who worry needlessly.

Griffin Bros., of Frankford, have a fine lot of well grown bedding stock; they have done verbenas nicely.

The Moorestown Floral Co., Edward M. Harris, manager, report a good season. They grow a miscellaneous collection of plants including a number of carnations in pots.

William J. Young, Jr., School and Pulaski streets, Germantown, has a neatly kept place that is an object les-

son to his customers. Mrs. Frances Joost has done well here and will be more largely grown next season. There is a fine lot of bedding plants on hand.

Moonvines are becoming scarce. Godfrey Aschmann had 10,000; they are all gone. The size was largely 4-inch, the price $8 per 100; there were a few carried over plants at $25 per 100.

Harry Weiss, of Hatboro, has had a good season with Brides and Maids. He will grow besides these roses, a few carnations next season.

Charles W. Cox, Second and Bristol streets, has found a good demand for Kaiserins in 3-inch this spring.

Ladies' Night at the club last week was well attended.

John Westcott and friends are active at Waretown these days.

The Pennsylvania Horticultural Society meeting was held on Tuesday. There were essays by last month's successful exhibitors and an exhibition of geraniums, cauliflower, etc.

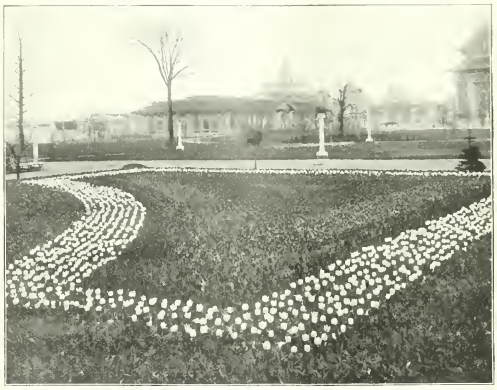
The really successful retailer in our large cities must combine integrity, industry and ability, both artistic and business. He must also have a thorough knowledge of men and be quick in using it. The following story of an attractive young man who conducts one of our stores will illustrate this point. A quiet looking man dropped in and explained to this retailer that a friend of his daughter's was going to have a tea and that he wanted to send her a few flowers. "I suppose," he added, "she will be getting some of those things," pointing to a vase of chrysanthemums on the counter; "how would they do?" "Yes, she will receive lots of chrysanthemums," was the instant reply. "But they are not for you to send. Let me make you up a shower bouquet of orchids. I will give it my personal attention, and I assure you the young lady will have nothing like it." The quiet man was startled. He knew orchids came high; still was he not successful in business and the subtle flattery conveyed in the words "not for you to send" was soothing. The order for the shower bouquet of orchids was given.

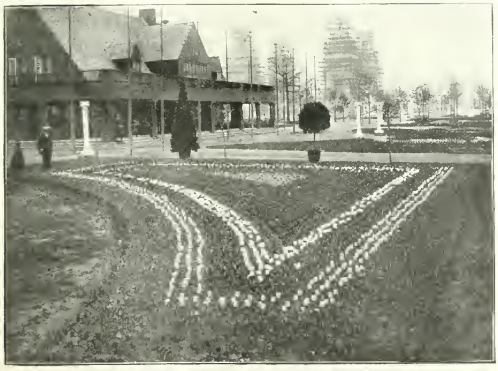
When the quiet man entered the room at a certain tea the young lady who was receiving instantly left her mother's side and came tripping over to meet him with, "Oh, Mr. X, I want to thank you so much for that exquisite shower bouquet you have sent me." It was in a place of honor by itself, while all the other flowers were banked together on the other side of the room.

An eminent legal authority states that a writer cannot secure a patent to the exclusive right to the use of the name of a city for his nom de plume. The S. A. F. O. H.'s nomenclature committee will not, therefore, be obliged to decide whether the writers of this column have trespassed in signing themselves

PHIL.

THE BEST, and the cheapest—the REVIEW'S classified advs.





Tulip Beds at the Pan-American Exposition.

BOSTON.

Trade Conditions.

There is not a stickful of sensible reading in the whole thing! There has been a good sized supply of everything seasonable and a fairly well-developed demand for it, but not enough to keep a large amount off the street and prices have been small all along the line.

Would anything definite on that point be of any value to you? Well, American Beauty roses have been selling at all the way from 50 cents to $4 per dozen, Liberties 50 cents to $3, Meteors and Brunners 25 cents to $1, and there has been a large surplus of all kinds of red roses which went upon the street at 1 to 6 cents, most of them having poor blossoms.

The Jacqueminot rose has not cut its usual figure with us this spring and is not now in evidence. Pink and white roses have been running at from 25 cents to $1.25 per dozen with quite a heavy street surplus. Pinks 50 cents to $1.50 per 100, with a light surplus during the week (May 13 to 19). Violets are very few as are also the people looking for them, at from 25 cents to 75 cents per. Tulips and a few Jonquils covers about the whole field of bulb material. These are not plenty, the price is small, but the demand is still smaller. The supply of spirea, candytuft, mignonette, etc., is not too heavy to clean up in the markets at just a fair price.

Sweet peas? They began coming in very irregularly a long time ago and have been very gradually increasing ever since till a very few days ago when they suddenly became quite plentiful. The price has now been forced down to 50 and 75 cents. Their quality has been extra good so far, handles a foot long and as big as a slate pencil being grown upon some of them. Pansies, too. Now down to 25. Green material now plentiful enough at pretty good figures.

Various Items.

The schoolmaster who taught me to write (or rather who dismally failed

to do so must be looked up and fined heavily. He makes my item about Geo. and Arthur Delaney in last week's issue read incorrectly, as well as being responsible for a few other similar errors during the past score of moons or so.

Bert Leavitt, Welch Brothers' right-hand man, is in bad condition physically as the result of a fall at his home. He has been away from the store for two or three weeks and there is no immediate hope for his return.

I omitted to speak of M. B. Bunker's new store last week. The building occupied by him on Beacon street is soon to be torn down so he has removed to a fine location on City Hall avenue where his courteous manner and knowledge of business can hardly fail to draw a good degree of patronage from the constantly passing crowds.

Monday morning, May 20, just in time for me to make a note of it before mailing, comes the news of the death of Bert Leavitt, spoken of above. Blood poison set in as the result of a broken arm at the time of the fall and produced this result at the city hospital, where he was taken some two weeks since.

J. S. Manter.

CHICAGO.

The Market.

The supply of all stock is still large, but prices are a trifle firmer in tone on the best grades, though weaker on the poor qualities, which last form an enlarging proportion of the stock received. For several days the weather has been dark, gloomy and rainy as well as cool, and this naturally has not benefited the plants. For the best Brides and Maids $5 is about the top price, though we hear of a few specials bringing $6. The best Gates go as high as $8 and Liberties up to $10. But the great bulk of fair quality teas go at $3 to $4 and the great quantities of culls sell at as low as 50 cents to $1. The best Beauties still hold up to $3 a dozen, but there are very few of them and the poorest are sold at as low as $2 a hundred, with all sorts of prices in between.

In carnations a few extra fancy bring $3, but very fine flowers can be had at $1.50 to $2, with good ones at $1 to $1.25, and odds and ends in big lots are cleaned up at 40 to 75 cents.

Paeonies are moving very well at $5 for good stock, but the poor don't go at all. Parrot tulips sell fairly well at $4, but the other sorts are apparently not wanted. Iris can't be given away. We are in the middle of the lilac season and it goes very well at moderate prices.

The demand concentrates more and more on the best grades of everything, and the difference in prices of the best and the poorest is becoming wider all the time. It is rare that there is a surplus of really extra grade stock, but a surplus of poor quality stuff seems to now be always with us.

Local demand is very light and were it not for the shipping trade the market would be very badly demoralized indeed.

The lily situation has materially improved and good blooms are now quoted at $8 to $10. The latter price will prevail for Decoration Day.

The supply for Decoration Day promises to be sufficient to meet the usual demand, but quality will probably not be up to the usual standard unless weather conditions change very quickly.

Club Meeting.

At the meeting of the Florists' Club last Friday evening Mr. Paul Kopanka's paper on growing the cyclamen for seed, which appears elsewhere in this issue, was read and discussed. The general feeling among the growers seemed to be that the cyclamen was not a profitable plant to grow for this market, as buyers would not pay an adequate price for finely grown plants. Mr. August Jurgens, who formerly grew quite a number, has practically abandoned their culture for that reason. The paper, however, was found very interesting and the thanks of the club were voted Mr. Kopanka for his essay. Little else but routine business was transacted.

At the bowling session after the meeting Mr. John Reardon developed unexpected power and passed up to the 150 class, making one score of 163. Ed Winterson's best was 184. But the main interest now centers in the league games on Tuesday nights.

Various Items.

Kennicott Bros. Co. are receiving some very fine longiflorum lilies from Klehm's Nurseries and will have a big lot of them for Decoration Day.

McKellar and Winterson have just received a lot of new baskets from Germany and have materially strengthened their line of supplies for Commencement and Decoration Day demands.

E. H. Hunt is receiving some extra grade lily of the valley and will have some heavy consignments of it for Decoration Day. This place is being fitted throughout with new electric lights.

Poehlmann Bros. Co. are now established in their enlarged quarters in the basement of what should really be known as the Cut Flower building, as it now contains no less than eleven wholesale florists.

Recently reported reductions in the price of glass must have been based upon erroneous conclusions. Glass of the 10x24 double A grade is still quoted in the neighborhood of $7.00 a box. The lowest quotation one large buyer of glass could get on Tuesday was $6.48 a box in large lots.

Walter Kreitling & Co. put up a very pretty decoration at the Chicago Club last Saturday when Mr. James Deering entertained the French Ambassador, M. Cambon, at dinner. There were 36 covers and the table was set in the form of a square. The inner edges of the tables were studded with red and white electric lights and from these edges there sloped to the center a supporting frame work covered with hardy fern fronds, and in the center was a huge circle of yellow variegated parrot tulips which surrounded a fountain containing gold fish. At each corner of the inner square was laid a flag of red and white carnations and blue corn flowers, two American and two French. Between these were placed loose bunches of red paconies. On the tables was a tracery of Sprengeri and apple blossoms. Over the table was a huge canopy of lilac, white and purple mixed. The effect was excellent. The price of the decoration was $200.

F. Blondeel has succeeded to the business of F. Grosse & Co., at Oak Park.

The Geo. Wittbold Co. recently received a large importation of kentias and araucarias of large sizes and they arrived in excellent condition.

C. C. Pollworth, Milwaukee, was a visitor last Monday.

The failure of August Dressel seems to have been complete and Mr. Dressel has the sympathy of many friends in the trade. At the auction sale of the stock held last week very moderate prices were realized and it is feared there will be little for unsecured creditors. It is certainly a very unfortunate conclusion of a long business experience and a life of hard work. A side venture in the brick business is partly responsible for present conditions.

Mrs. E. F. Winterson has been confined to her home by illness for some time and seems to make little progress toward restoration to her usual good health.

Bowling.

The third series in the league contest was played last Tuesday evening and the scores follow. Some very remarkable spares were made by Ed. Winterson, Chas. Balluff and Geo. Asmus that drew tumultuous applause from professionals present. In these games the Wholesalers won from the Retailers and the Growers took a heavy fall out of the Seedsmen. None of those dollar prizes for 200 scores were won, though G. Stollery came within one pin of one.

WHOLESALERS.

E. F. Winterson	170	148	152
C. Hughes	148	124	142
W. S. Heffron	132	120	123
G. L. Grant	132	153	166
Jos. Foerster	177	178	193
Totals	729	723	776

RETAILERS.

C. Balluff	184	120	164
W. Kreitling	118	89	105
P. J. Hauswirth	141	160	135
O. Kreitling	105	129	131
Geo. Asmus	133	158	191
Totals	681	666	726

GROWERS.

G. Stollery	150	142	199
F. Matti	149	122	153
N. A. Schmitz	124	175	135
J. Paulus	105	121	163
F. Stollery	143	191	154
Totals	711	760	804

SEEDSMEN.

Jno. Degnan	115	137	197
C. A. Hunt	121	122	119
Duncan	124	175	159
Chadwick	121	112	97
Nagel	86		
Scott		115	133
Totals	557	661	707

ST. LOUIS.

The Market.

There is little change in the trade since my last writing. Stock is as plentiful as ever and the prices are still going down; the quality is poor on account of the warm weather. The cut of roses and carnations during the past month has been enormous.

In roses the best Meteors, Brides and Maids are sold at $3 per 100, and from that down to $1. Only a very few choice ones are now coming in and the second grade stock is very plentiful and about at your own price.

Carnations are still very fine and of good color. White and Daybreak are about the best sellers; of the other varieties, plenty are going to waste. Price of fancies is $1.50 per 100; good stock, $1, and common grades, 50 cents per 100. All can be bought cheaper in 1000 lots.

Paconies are coming in now and are sold from $4 to $5. Dark red are the only ones in at this writing. Sweet peas are good in quality and color and are bringing from 50 cents down to 25 cents per 100. Cornflowers, at 25 cents per 100, have little call, though very good. Good valley brings $3, but is not plentiful.

It is said that Decoration Day prices will go into effect May 27, but if the stock is as plentiful as it is at present, prices will not go up much.

St. Louis Free From Fakirs.

Mayor Wells has done a good thing for the legitimate florists who pay store rent. He has ordered all fakirs kept off the streets and we are now free from the class that call themselves "street florists." Though this is not to the liking of the wholesaler, who now has no outlet for his surplus, I think it will benefit all three—the grower, retailer and wholesaler—alike. Now the grower who sends in rubbish will get nothing for it, while for those who send in first class stock the wholesaler will be able to dispose of all of it at a good fair price, and the retailer will be able to charge a good price for his stock over the counter. I think we have all gained much by the action of the mayor, and a vote of thanks should be sent him for his good work in this direction.

No doubt the Florists' Club will take the matter up at its next regular meeting, and we hope that every member of our club will attend this meeting, if only to sign his name to the vote of thanks.

Now that the St. Louis florists are rid of the fakir on the street, the next question to be taken up is the "crape puller," with which we are now overrun. This crape-pulling has been practiced of late by some firms that we thought were our best. Some of these "pullers" offer to make a twenty-two inch pillow for $2, and enough cut flowers for the inside of the casket thrown in. A florist of our city has in his possession a bunch of cards left by various florists at the home of a friend, who had lost his mother, and it was a great surprise to read the names of florists whom we least expected would stoop to the low practice of "crape-pulling," and their names should be read before the Florists' Club at the June meeting. Many of these "crape-pullers" buy second-hand wire work gathered from the cemeteries. This matter should also be taken up and stopped, if possible, as the officials of the different cemeteries throughout the city don't seem to know that the stuff is being sold and the money pocketed by the help.

Various Items.

Arthur Blome was in town last week selling the famous Nephrolepis Wittboldii for the George Wittbold Company, of Chicago. Mr. Blome reports great sales on this plant.

Carew Sanders has been confined to his bed with sickness the past week. From last reports he was improving and expects to be out in a week or so.

Arnold Scheidegger, of Kirkwood, is building two new houses, and Hugo Gross, of the same place, is building three new houses, all to be 25x100. They grow only violets and carnations for the trade.

W. E. Jordan, successor to the Jordan Floral Company, on Easton avenue, has the place in good shape for the planting season. Business of late has been good; he is selling a good deal of his stock at wholesale. Willie is assisted in the business by his wife.

F. C. Weber celebrated his fifty-fourth birthday anniversary last Monday night at his home, entertaining his euchre club. The affair passed off in a very pleasant way.

Charlie Kuehn and Arthur Ellison are members of the Brunswick Bowling club and are playing in a summer league in which their club is in the lead. Both are doing some fine bowling.

A recent visit to George Wundie's place, on Delore avenue, found the place looking in fine shape. George and his brother were hard at work. Great credit must be given these young men for their earnest endeavor to make their place a paying one.

Mr. Wm. Bouche has just finished the flower beds in front of the union station and the flower boxes around the roof garden. The place looks better than ever before.

The flower stands in the Union market are in full bloom and attract a great deal of attention from the great crowds that daily throng this place. Business here is very active and all varieties are meeting with ready sale.

Shaw Banquet.

The twelfth annual banquet to the trustees of the Missouri Botanical Garden was given at the Southern Hotel on last Saturday night. The sum of $1,000 is annually set apart in the will of the late Henry Shaw to defray the expenses. Fifty-five guests were present, including the members of the board of trustees.

Dr. E. A. Engler was toastmaster and the following gentlemen spoke: Mr. Henry Hitchcock, Prof. Calvin M. Woodward, Mayor Rolla Wells, Isaac H. Lionberger, Mr. Herman von Schrenk and Dr. C. H. Patton. The decorations were elaborate and tastefully arranged.

Yesterday (Sunday) the Shaw flower sermon was preached at Christ Church. The church was tastefully decorated with plants from the Shaw garden. This is an annual sermon which is in accordance with the will of the late Henry Shaw.

Bowling.

The attendance at the last meeting of the bowling club was better and the members from now on will come down more regular and try to put up some good scores in order to represent St. Louis at Buffalo this summer, and if we can get the team together, we expect to make them all hustle to win out. The scores last night were somewhat better than the last, but not what they should be. The scores were as follows:

	1	2	3	4	Tot.	Av.
A. Y. Ellison	155	169	141	172	637	159
J. J. Beneke	160	163	137	176	636	159
J. W. Kunz	155	169	144	159	627	157
C. A. Kuehn	138	161	125	424	141	
F. M. Ellis			123	123	123	
Will Adele	128	116	151	125	520	130
F. C. Weber	118	123	115	133	489	122
John Young	109	106	115	132	455	113

J. J. B.

SAN FRANCISCO.

The Market.

Business has been fair this week and cut flowers were never so plentiful before. Carnations can hardly be given away and were never so cheap as the present time. Good inside roses still command a good price, but are somewhat scarce.

President McKinley and party are with us and are being entertained in true California style. The cheap florists got the decorations of the city and made a cheap job of it.

Prices.

Prices: American Beauties, 50 cents to $2; Brides, Maids, Meteors, 15 to 50 cents; Cecil Brunners, 6¼ cents; Carnots, 15 to 25 cents; Kaiserins, 25 to 75 cents; Siebrechts, 15 to 25 cents. Carnations—Hobart, $1; Crocker, 25 to 50 cents; mixed fancy, 15 to 50 cents; Bradt, 20 to 35 cents; Nugget, 25 cents; Scott, 5 to 15 cents per doz.; Portia, 50 to 75 cents per 100. Harrisii, $1 to $2; sweet peas, 50 to 75 cents per doz.; smilax, 5 cents; asparagus, 10 cents per string.

Trade Notes.

Domoto Bros., Fruitvale, will grow 40,000 inside chrysanthemums for the coming season.

E. Gill, Oakland, has received some very large shipping orders for cut flowers for Decoration Day.

Wm. Nunenmacher, Piedmont, received a new addition to his family on May 6. Billy says it's a girl—I wonder if he is sure.

Kiyow & Co., San Francisco, will grow 5,000 chrysanthemums, Queen and Bonnaffon, this year. This firm is bringing in some very fine lilies at present.

State Exhibition.

The California State Floral Society held its spring exhibition on May 16, 17 and 18 in the northern end of the Ferry building, San Francisco. The show was a splendid success in every way. Although not quite up to former exhibitions in the number of exhibits, the excellence of the various displays was certainly ahead of anything ever seen in San Francisco.

The carnation exhibit made by John H. Sievers & Co. was simply wonderful and it was well worth the price of admission alone to see what can be accomplished in carnation culture. Six new seedlings shown by this firm were of the Hobart type: Mrs. F. Carlan, a very fine shell pink with a splendid calyx; No. 14, a fine scarlet; R. Raymond, salmon pink; Jennie Gifford, rose; Mrs. McKinley, a beautiful dark pink; A. B. Spreckels, a beautiful red. The above six carnations took first premium for best six varieties.

The Golden Gate Park made a fine display of caladiums, not for competition, that were much admired.

Cox Seed & Plant Co., 1st premium for potted and boxed decorative plants. This was a fine exhibit.

Domoto Bros., 1st premium for best pair palms; 1st premium for best pair aspidistras.

C. C. Abrams, Western Nursery, potted plants and pansies not for competition.

F. Ludemann made a fine exhibit of palms, Boston ferns and Pandanus Veitchii, not for competition.

R. Spreckels, 1st premium for pelargoniums and best six carnations.

Berkeley University exhibited gloxinias, not for competition.

Domoto Bros., 1st premium for best twenty-five decorative plants; 1st premium for variegated foliage plants.

E. Gill, 1st premium for largest and best collection of outside roses. Special premium for display of new seedling roses. First premium for cut sprays of flowering shrubbery and ornamental trees. The exhibit was much admired by the public.

Wm. Chandler, 1st premium for wild flowers.

Wm. Sachau, 1st premium for cut flowers, mixed roses, cinerarias and cacti.

James Bell, Berkeley, outside roses, not for competition.

H. Melde, Eureka, wild azaleas. This exhibit was very attractive.

Mrs. Fenton, delphiniums, not for competition.

Luther Burbank, Shasta daisies, colum-

Northern Ohio Grown Flowers!

ARE THE BEST. Write us for Prices for DECORATION DAY.

Wholesale Growers Cut Flowers.

J. M. GASSER COMPANY, Euclid Ave., CLEVELAND, OHIO.

Mention THE REVIEW when you write.

bines, dicentras, calochortos, not for competition.

F. A. Miller, collection of potted plants, ficus, spireas, auriculas, palms and dracaenas.

C. C. Morse & Co., 1st premium for sweet peas, a splendid exhibit.

Fick & Faber, University Mound, made a very fine display of carnations, new and standard sorts.

F. A. Carlson, thyme in pots.

J. C. Love, 1st premium for best six ferns.

J. A. Carbone, Berkeley, 1st premiums for Lilium Harrisii, for largest and best collection of inside roses and for six best roses in six varieties.

D. O. Mills, Millbrae, 1st premium for American Beauties.

F. A. Miller, special premium for pansies.

Redondo Floral Co., special premium for seedling carnation.

Mrs. Tricon, 1st premium for cacti.

J. H. Sievers & Co., 1st premiums for largest and best collection of carnations, for best twelve carnations (won with H. Hobart), for largest collection of pelargoniums and for best six carnations.

E. Schwerin made a splendid display of pot-grown ferns that were much admired. Also Bougainvillaea glabra.

Frank Pelicano & Co., 1st premium for best rose exhibit and 1st premium for rose and carnation. This exhibit made a very fine table. J. N.

KEEP THEM GOING.

One step won't take you very far—you've got to keep on walking;
One word won't tell folks who you are—you've got to keep on talking;
One inch won't grow you very tall—you've got to keep on growing;
One little "ad" won't do it all—you've got to keep them going.
—Joliet Republican.

Richmond, Ind.—Mr. Vernon Graves, one of our leading florists, had the misfortune to have a fire at his home May 11. The barn on the premises took fire from some unknown cause and was completely destroyed, together with the contents. One horse and a cow were cremated and a second horse was so badly burned that he was killed. Four or five tons of hay, seventy-five bushels of corn and other material of this character was burned. A large quantity of prepared lumber for new greenhouses in process of construction had been stored in the barn temporarily and this was also destroyed. The loss will probably be between $1,000 and $1,200; partly covered by insurance.

Muncie, Ind.—Fred W. Meyer, formerly of Richmond, Ind., has purchased the greenhouses and business of George Kendall and will continue it. Mr. Kendall retires from business owing to poor health.

Bennington, Vt.—W. G. Richardson has sold his stock and leased his greenhouses to L. C. Holton.

Salt Lake City, Utah.—The Huddart Floral Co. is arranging to build a new house and to rebuild two old ones.

Hunt's Superior
LILY OF THE VALLEY.

Very choice quality of stock and foliage.

$3.00 per 100.

Specially suitable for DECORATION DAY.

ALL OTHER STOCK IN ABUNDANCE.
SEND FOR PRICE LIST.

E. H. HUNT,

76 Wabash Ave., CHICAGO.

Mention THE REVIEW when you write.

Irvington, N. Y.—Miss Caroline Lord Burnham, daughter of W. A. Burnham, of the Lord & Burnham Co., was married May 16 to Mr. Frank W. Hastings, of Cambridge, Mass.

Scarboro, N. Y.—Four new houses, each 28x300, are being added at the Briarcliff Greenhouses.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. Plant advertisements not admitted under this head.

Every subscriber is entitled to a free advertisement not exceeding 35 words in any issue desired during the year. If the advertisement exceeds 35 words, send at the rate of one cent for each additional word.

FOR SALE—1000 feet or more of Hitching's 4-in. pipe, as good as new. Price 14c per foot, delivered on cars here, in lengths of 3 and 4 pipes each. Joseph Bradbury, South Orange, N. J.

WANTED—A man that can grow violets and carnations for wholesale market to run place on shares, or will rent. Commercial, care Florists' Review.

FOR SALE—3 new carnation houses, 17x128; 15 acres fine land, large dwelling; near two large New York State cities; bargain for some one; part cash. Address G., care Florists' Review.

FOR SALE—$3,000—Greenhouses and flower store combined; central location, transfer corner; ornamental and nursery stock, saddle rock boiler, two horses, working and delivery wagons. For particulars address the Florists' Review, or Carlson, 500 Haight St., San Francisco, Cal.

FOR SALE—Florist establishment, in best city in Wisconsin; 15,000 population; 5,500 feet of glass; office connected with residence; center of town; lot 66x400; street cars pass door; owner must leave for Europe July 1st. If you are looking for a good thing write G. R., care Florists' Review.

WANTED—5,000 2-inch smilax plants. Write lowest cash price to Bassett & Washburn, 76 Wabash Ave., Chicago.

WANTED—Man with considerable experience, to manage palms and fern houses. Address Aug. S. Swanson, 117-119 Endicott Arcade, St. Paul, Minn.

WANTED—1500 ft. of good second hand 1-inch pipe. Meyer & Behring, 1113 15th St., Rock Island, Ill.

WANTED—80 boxes 16x18 D. S. A. glass. Write Box 496, Fairmont, Minn.

FOR SALE—Two greenhouses; a well established trade, land, stock and supplies; well situated in a city of 10,000 inhabitants; terms very easy. Address 20, care Florists' Review.

WANTED—1 want 1000 ft. of second hand glass, 14x16, 12x14 and 16x16. Write, stating price, to Mrs. May Bradley, Elwood, Ind.

WANTED—By June 1st, good all-around grower, to help in greenhouses and in planting out; permanent position for steady and reliable man; single. Apply, with references and wages wanted, Chas. Frueh & Sons, Saginaw, E. S., Mich.

WANTED—A couple of good all-around growers, to help in the houses and in planting out; change of permanent places if you suit. Harms Park Floral Co., Berteau Ave., near Western Ave., Chicago.

WANTED—Several good American Beauty growers. Wietor Bros., 51 Wabash Ave, Chicago.

FOR SALE....

TEN GREENHOUSES OF ABOUT 35,000 FEET OF GLASS,

situated in a thriving city 35 miles from Chicago; now doing a large business both in wholesale and retail of plants and flowers. For further particulars address W. W., care Florists' Review.

SITUATION WANTED

By a thoroughly up-to-date young man, 33 years of age.

A Decorator and Designer second to none,

with best references in the country, wants a permanent position.

Address Salesman, care Florists' Review.

McKellar & Winterson,

45, 47, 49 Wabash Avenue,

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Headquarters for all CUT FLOWERS, SUPPLIES and NOVELTIES for SCHOOL CLOSINGS and **Decoration Day**

Our supply will consist of all the best varieties of Roses, Carnations, Paeonies, Lilies and other Miscellaneous Stock. Large supply of Decorative Goods, such as Galax Leaves, Leucothoe Sprays, Smilax, Ferns, Bouquet Green, etc. Complete stock of Baskets, Ribbons, Cycas Leaves, Cycas Leaf Wreaths, Artificial Flowers and Palms.

Early Orders Solicited. Our Facilities for Handling Short Time Orders are Unsurpassed. Send for Complete Price Lists and Catalogue.

DECORATION DAY PRICES. TAKING EFFECT SUNDAY, MAY 26.

ROSES—American Beauties—Select	per doz.	$3.00 to $4.00
" " Medium	"	1.50 to 2.00
" " Short	"	.75 to 1.00
Meteors	per 100,	4.00 to 8.00
Brides, Bridesmaids, Kaiserins	"	4.00 to 8.00
Perles	"	2.00 to 6.00
Our selection, assorted	"	5.00
Good Seconds	"	4.00

We also have a limited supply of Golden Gate, La France, Woolton and newer varieties.

CARNATIONS—Extra Select	per 100,	$3.00 to $4.00
Good Quality	"	1.50 to 2.00
Our Selection, assorted	"	1.50

Our supply of Carnations consists of all the new and standard varieties, also novelties.

ORCHIDS—Cattleyas, select	per doz.	$5.00 to $ 6.00
Assorted Sprays, etc	per box,	5.00 to 25.00

We carry Orchids in Regular stock, although it is advisable to give as much time as possible on orders.

MISCELLANEOUS.

VALLEY—Extra Select	per 100,	$4.00
Outdoor	"	2.00 to $3.00
MIGNONETTE	"	6.00
MARGUERITES	"	.75 to 1.00
FORGET-ME-NOTS	"	.75 to 1.00
PANSIES	"	.50 to .75
CAPE JASMINE	"	3.00 to 5.00
TULIPS	"	2.00 to 3.00

MISCELLANEOUS.

CALLAS	per 100,	$ 8.00 to $12.00
HARRISII and Longiflorum	"	10.00 to 12.00
SWEET PEAS	"	.75 to 1.00
white	"	1.00
GLADIOLUS—White	per doz., $0.75	" 5.00
Mixed colors	" 1.50	" 10.00
PÆONIES—White and Pink	" .75	" 5.00

DECORATIVE STOCK.

FERNS—Adiantum	per 100,	$0.75
Common Fancy, scarce, subject to advance	per 1000, $2.50	" .30
IVY LEAVES	" 5.00	" .60
GALAX LEAVES—Green	" 1.00	" .15
Bronze	" 1.50	" .20
LEUCOTHOE SPRAYS	" 7.50	" 1.00
SMILAX—Select	per doz.	2.00 to $3.00
ASPARAGUS PLUMOSUS—		
Select Strings	each, 50 to 75c	" 6.00 to 8.00
Sprays	bunch, 50c	
Sprengeri		" .25 to .50
SABAL PALM LEAVES—Artificial	per 100,	3.00 to 5.00

P. AND D. AT COST.

Prices quoted are subject to change without notice. Extra Select and inferior grades billed according to value.

USE THE TELEGRAPHIC CODE.

Any Flowers, in or out of season, if obtainable anywhere, can be had from us, whether quoted or not. Careful packing, prompt shipment, fair treatment to all. No order too large, none too small.

If you are not one of our steady buyers, we kindly solicit a trial.

Mention The Review when you write.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Magazine.

A Weeping Chrysanthemum named Pioneer is one of eleven seedlings from a cross between Eva Knowles and Viscountess Hambledon, raised by Mr. Austen, Ditting Court, Maidstone. The peculiarity of all eleven plants consisted in the downward geotropic direction of the branches, which were bent downwards like those of a weeping ash, but upturned heliotropic at the ends, when flowers were produced. This peculiar habit would render the plant very useful for certain decorative purposes. No cause could be assigned by the members of the R. H. S. Scientific Committee for the drooping tendency.

Hybrid Moss Rose Crimson Globe:—This is a great acquisition to the moss roses, as it possesses the qualities of an exhibition flower, combined with the true moss characteristics. The buds are nicely mossed, while the flowers, which are of a deep crimson color, are large and well formed, and the growth is very vigorous. Moss roses have become very popular, and at some of the rose shows substantial prizes are offered for them. Not being very strong growers they succeed well in comparatively shallow soil, providing they are well mulched with short manure and frequently watered during summer.

Propagation of Chrysanthemums from stock plants that have been grown in open beds and borders without the use of stimulating fertilizers is, we are pleased to see, becoming general. Many years ago when Mr. George Gordon, in these pages, directed the attention of cultivators to the absolute necessity of propagating chrysanthemums from hardily-grown stock plants instead of from the highly-fed plethoric examples grown for the supply of exhibition blooms, but few growers were prepared to accept the recommendation. The advice has, however, borne an abundant harvest, for during the period that has elapsed the practice has been completely changed, and is generally adopted by the trade growers.

HARRISBURG, PA.—L. Salingre, formerly of Philadelphia, is now head gardener for Hon. Don Cameron, at Lochiel, this city.

You can save time and money by making use of our classified advs.

CINCINNATI.

Trade and Personal Notes.

A little rain has at last relieved the dry spell and all outdoor stock looks much refreshed. Hardy flowers, snowballs, iris, etc., are in full force, and it is but the hope of the florist that they will be over before Decoration Day. There was a pretty heavy frost the first of last week, but it did no damage. The nights have been very cool and carnations have been benefited.

Decoration Day is growing more and more to be a first-class day with the florists, especially when outdoor flowers are over. This year the prospects are especially good. The glut of carnations, which has been with us for nearly two weeks, will be over and first-class prices will be realized. Roses, although poor, will be in fair supply.

The past week has seen a slight reduction in the amount of stock coming in, but there was still more than enough and prices showed very little tendency to rise until Saturday, when they stiffened slightly.

Saturday afternoon the Jabez Elliott flower market was loaded with flowers and plants. The sale of plants was especially good and all the boys are kept busy bedding. Well-flowered geraniums are scarce.

Mr. R. A. Murphy is just recovering from a broken rib and dislocated shoulder. He fell from a scaffold, striking a barrel which was standing beneath.

Mrs. Henry Schwarz has been very sick, but is now slowly recovering. Mr. Schwarz is about to move his establishment from Price Hill to Norwood, where he has purchased grounds. He is building a residence and will erect a range of houses there during the early summer.

Mrs. Lodder and Miss Mary Lodder, of Hamilton, O., are spending a few weeks at West Baden, Ind.

Mr. Oliver Murphy has left the employ of his mother, Mrs. R. J. Murphy, and is with Klus Bros., Anderson, Ind.

Mr. Sidney Murphy has dissolved partnership with Mrs. R. J. Murphy and will start up for himself. He belongs to the rising generation and we all wish him the best of fortune, especially since it is rumored that he will shortly take a partner, and a life partner, too.

Friday evening Mr. Herman Schlachter, wishing to get some flowers from his cellar, discovered that some thieves had pried open the door and made a clean sweep, taking everything in sight, even to a half-dozen potted roses. As they were his stock for Saturday's market, Mr. Schlachter felt the loss considerably.

Mr. William G. Bertermann, president-elect of the American Carnation Society, was in this city Saturday evening on his way to Indianapolis from Washington, D. C., where he had attended the meeting of the S. A. F. O. H. committee on incorporation. He reports that everything was working smoothly. The proposed amalgamation of the leading national florists' societies under one head was discussed.

In speaking of the coming meeting of the Carnation Society, Mr. Bertermann is very enthusiastic. He promises great things and thinks that the West will have a few things to show that will open the eyes of the Eastern florists.

C. J. Ohmer.

Please send us the news of the trade in your vicinity.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT-FLOWER HOUSE IN CHICAGO.
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WHOLESALE AND COMMISSION Florists. Consignments Solicited.
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Don't forget we are at 4 WASHINGTON STREET, CHICAGO.
Write for special quotations on large orders.
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All telegraph and telephone orders given prompt attention.
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Shipping orders receive prompt and careful attention.
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Wholesale Commission Florists

and Dealers in All Kinds of FLORISTS' SUPPLIES.

42 and 44 East Randolph St. ...CHICAGO, ILL.

DON'T FORGET TO GET YOUR ORDERS IN EARLY FOR

LILIES and PAEONIES

...FOR DECORATION DAY.

THEY ARE THE CHEAPEST FLOWERS FOR THE MONEY.

Longiflorum Lilies, $10 per 100. Paeonies, $5 per 100.

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CHICAGO'S RELIABLE WHOLESALE GROWERS AND SHIPPERS OF..

CUT FLOWERS,

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SEND FOR WEEKLY PRICE LIST.

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Maplewood Cut Flower and Plant Co. GEO. M. KELLOGG, Pres.

Growers of CUT FLOWERS at Wholesale.

Regular shipping orders given special attention. We have the largest plant west of Chicago.

Store: 906 Grand Ave., KANSAS CITY, MO.

Greenhouses: Pleasant Hill, Mo.

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WHOLESALE STORE, MINNEAPOLIS, MINN.

For sale of own grown Roses. Easy reach of points in Minnesota, both Dakotas, Montana, etc. BEAUTIES and METEORS in quantity. TRY US.

BRANT & NOE 124-128 Sixth Street N.

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ONE DOLLAR FIFTY PER 1000 FOR

BRONZE

GALAX LEAVES, Delivered **NOW FREE** anywhere in the United States reached by mail or express. Every leaf guaranteed perfect. Fifty leaves mailed for Ten Cents.

AMERICAN ROSE CO., Washington, D. C.

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Carnation Blooms!

Extra Select, 3c. Fancy 1½ to 2c.

CHICAGO CARNATION CO., - JOLIET, ILL.

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One Chance in a Thousand

To get stock of **Well-Tested Novelties** of 1899, 1900 and 1901 varieties: Annibal, Dr. Despres, H. De Parville, Madagascar, Rene Bazen, Jean Laber, Prediction, Jules Claretie, Apotheose, La Fraicheur, Cimarosa, Emannel Arene, Manteau De Feu, Mme. Goyeux, Profusion, Dr. Beaumetz, Mme. L. Noisette, Thos. Meehan, Mme. Landry, Jean Viaud, Mark Twain, Dryden, Bellerophon, Clyde and Jules Lemaitre, from 2½ and 3-inch pots. The entire collection of 25 varieties, including one **Little Pink,** for **$2.00.** Also Standard Varieties from 3-inch pots, in bud and bloom, for bedding and market purposes. Marvel, Heteranthe, Nott, Mme. Bruant, W. H. Bailey, etc., at **$5.00** per hundred.

W. E. HALL, CLYDE, OHIO.

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PALMS and FERNS

Home Grown, Fine Clean Stock; Grown Cool.

J. B. HEISS,

The Exotic Nurseries. DAYTON, OHIO.

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Send to **THE MOON** Company

For Your { Trees, Shrubs, Vines, and Small Fruits.

Descriptive Illustrated Catalogue Free.

THE WM. H. MOON CO., Morrisville, Pa.

Always mention the Florists' Review when writing advertisers.

Roses Grown for the Trade....

Varieties: Meteors, Brides, Maids, A. Vic, K., Perles, Beauties, Liberty, Golden Gate, La France, Belle Seibrecht, Pres. Carnot.

We believe in shifting Young Roses often. All stock offered in 2½-in. pots has been shifted from 2-in. and is equal to most stock advertised as 3-in. and when we send it out is well established.

SPECIAL in AMERICAN BEAUTIES, 3-inch stock. Write us.

LAST CALL for all kinds of stock for Decoration Day.

Lobelia, Sweet Alyssum, Salvia, Pelargoniums, Fuchsias, Ivy Geraniums, Vincas, Mme. Salleroi Geraniums, Lantanas, Begonias, etc., etc. Write or wire —

GEO. A. KUHL, PEKIN, ILL.

Long Distance Phone 14.

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Always Mention the....

Florists' Review

When Writing Advertiser

CLASSIFIED PLANT ADVERTISEMENTS.

Rate for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILON.

Abutilons. Eclipse, Souv. de Bonn, $2.50 per 100. C. L. Reese, Springfield, Ohio.

Abutilons, 6 colors, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

ACALYPHA.

Acalypha Sanderi, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

AGERATUM.

Ageratum Stella Gurney, from 2½-in. pots, $2.00 per 100. Rooted cuttings, postpaid, $1.00 per 100. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Ageratums Snow Drift, Princess Pauline and Stella Gurney, strong 2½-in., $1.50 per 100. Buckley Plant Co., Springfield, Ill.

Ageratum Blue Beauty, from flats, in bud, $1.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERA.

New red Alternanthera Hermsdorf, imported from Europe; best in the market; very dwarf grower, never blooms; keeps color during hottest season. Strong plants out of 2½-inch pots, $1.50 per dozen; $8.00 per 100. Cash with order. John Baumann, P. O. Box 48, Middle Village, L. I., N. Y.

Alternantheras, red and yellow. Fine plants, well colored, out of 2-inch pots, $20.00 per 1000. Cash with order. H. Stahlhut, New Lots Road and Shepherd Ave., Brooklyn, N. Y.

Alternantheras, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Good bedding vars., $1.75 per 100; $15.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Alternantheras, red and yellow, well rooted cuttings, 50c per 100; $4.00 per 1,000. From 2-in. pots, $1.25 per 100. Davis Bros., Morrison, Ill.

Alternantheras, red and yellow; fine plants, $5.00 per 1000; strong rooted cuttings, $3.00 per 1000. Rose Hill Greenhouses, Columbia, S. C.

Alternanthera aurea nana, rooted cuttings, 60c per 100; $4.50 per 1000, prepaid. Cash. G. W. Weatherhy, Chillicothe, Mo.

Alternantheras, red and green; strong 2¼-in., $1.25 per 100; $12.00 per 1000. Buckley Plant Co., Springfield, Ill.

Alternantheras, 6 varieties; strong plants, 2¼-in., $2.00 per 100; $18.00 per 1000. C. Winterich, Defiance, Ohio.

Alternantheras, red, yellow, pink, strong plants; 2-in., $2.00 per 100. A. J. Baldwin, Newark, Ohio.

Alternantheras, red, $1.50; yellow, $2.00 per 100. Cash. Jos. H. Cunningham, Delaware, O.

Alternantheras, red, also pink, $2.00 per 100. Morris Floral Co., Morris, Ill.

ALYSSUM.

California Giant, for vases and baskets, and Little Gem, for horders, 2¼-in., $1.25 per 100; $10.00 per 1000. Buckley Plant Co., Springfield, Ill.

Alyssum. Double Giant, 2-in., $2.00 per 100. Cash. Edw. B. Jackson, Stamford, Conn.

AMPELOPSIS.

300 Ampelopsis Veitchii, one year old, at $3.00 per 100. Russell Davis, Xenia, Ohio.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture.

ASPARAGUS.

	Pot.	Doz.	100.
Sprengeri	2-inch	.50	3.00
Sprengeri	4-inch	1.50	12.00
Sprengeri	5-inch	2.00	15.00

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

Asparagus plumosus nana, strong 2½-in., $3.00 per 100, $25.00 per 1000; from flats, $2.00 per 100, $18.00 per 1000. Sprengeri, 6-in. pots, $3.00 per doz., $20.00 per 100; 2½-in., $2.00 per 100, $18.00 per 1000. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Asparagus Sprengeri, 2-in., $2.00; 2½-in., $3.00; 3-in., $4.00 per 100 prepaid. Safe and satisfactory delivery guaranteed. Cash. Fred Rafferty, Hermosa Gardens, Santa Ana, Cal.

Fresh seeds of A. plumosus nanus, 85c per 100, $6.50 per 1000, $30.00 per 5000. A. Sprengeri, 35c per 100, $2.00 per 1000, $9.00 per 5000. H. H. Berger & Co., 47 Barclay St., New York.

Asparagus plumosus nanus, from flats, $1.50 per 100. Buy your asparagus from flats and save risk of poor seed. Edw. J. Taylor, Southport, Conn.

200,000 freshly picked A. plumosus nanus seed; from our own plants; sure to grow; 90c per 100; $7.50 per 1,000, prepaid.
A. J. Baldwin, Newark, Ohio.

A. Sprengeri, 2½-in., $2.50; 3-in., $4.00 per 100. A. plumosus, 2½-in., $5.00; 3-in., $6.00 per 100. Carl Hagenburger, West Mentor, Ohio.

A. plumosus nanus, 2-in., $3.00 per 100, $25.00 per 1,000; 3-in., $5.00 per 100, $40.00 per 1,000. Cash. C. Merkel & Son, Mentor, Ohio.

Fresh Asparagus plumosus nanus seed from our own plants, 75c per 100; $6.00 per 1,000 prepaid. Wonsetler Greenhouses, Bryan, Ohio.

Asparagus, 2-in. pots, per 100: Sprengeri, $2.00; plumosus, $2.50; decumbens, $10.00. Cash. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus seed, new crop now ready, 50c per 100. Cash. Robert Mann, 1258 So. Wash. Ave., Lansing, Mich.

Asparagus plumosus nanus, 3-in., $5.00 per 100; from flats, $2.00 per 100; 25 at 100 rate. Morris Floral Co., Morris, Ill.

Asparagus plumosus nanus, from flats, $1.75 per 100; $15.00 per 1,000. Cash. Mrs. Griswold, Worthington, Ohio.

Asparagus plumosus nanus, 2-in., $3.00 per 100; $27.50 per 1000. Good & Reese Co., Springfield, Ohio.

Asparagus Sprengeri, 2-in. ready for a shift, $2.00 per 100. Mrs. E. Kuntz, Frankfort, Ind.

Asparagus Sprengeri, 2½-in., $2.50 per 100. John A. Doyle Co., Springfield, Ohio.

A. Sprengeri, 3-in., extra strong, $4.00 per 100.
Brown & Canfield, Springfield, Ill.

Asparagus plumosus, all sizes.
A. S. MacBean, Lakewood, N. J.

Asparagus Sprengeri, seedlings, $1.00 per 100.
E. I. Rawlings, Quakertown, Pa.

ASTERS.

Asters, transplanted plants, Victory, mixed; Semple's Branching, mixed; Giant Comet, mixed; Truffaut's Perfection, mixed, at 50c per 100; $4.00 per 1,000. Cash please. T. C. Breece, West Berlin, Ohio.

Asters, white, pink and lavender, best strain for cut flowers, 1½ in. pots, $1.50 per 100. C. L. Reese, Springfield, Ohio.

Semple's asters; separate colors; purple, shell pink, rose, lavender and white, $2.50 per 1000. A. & G. Rosbach, Pemberton, N. J.

Asters, all the leading varieties, 50c per 100. Cash. Converse Greenhouses, Webster, Mass.

AZALEAS.

Azalea Amoena, one of the choicest hardy, dwarf shrubs. Two-year-old, field-grown plants, $25.00 per 100. From thumb pots, $5.00 per 100; 3½-in. pots, $12.00 per 100. Samuel C. Moon, Morrisville, Bucks Co., Pa.

BANANAS.

Bananas planted now at the north grow 8 or 10 feet high by winter, when they can be dug, placed in cellar until spring. Then reset and they begin at once to grow, and produce an indescribably beautiful bloom, which lasts 4 to 6 weeks, and is sometimes followed by regular bunch of bananas. They are the most tropical in appearance and yet the most easily and quickly grown of all plants. To reduce surplus for next 30 days will mail good bulbs for 15c; doz. for $1.00. South Florida Nursery Co., Dade City, Fla.

BEDDING PLANTS.

Geraniums, dbl. and single Grant, Nutt, Hill, from 2½-in., $2.50; 3-in., $3.50; 3½-in., $4.00; 4-in., $5.00 per 100. Mammoth verbenas, strong plants, 2½-in., $2.00 per 100. Lobelia, dwf. and trailing, 2½-in., $2.00 per 100. Sweet alyssum, in bloom, 2-in., $1.50 per 100. French cannas, in variety, well started, $3.50 per 100; mixture of best varieties, $3.00 per 100. Ivy, from pots, 4 to 6 ft., with 2 to 4 branches, $1.50 per doz.; $12.00 per 100. Cash with order. Jas. Ambacher, Long Branch, N. J.

8,000 geraniums from 4½-in. down to 3-in.; 30,000 pansies, finest colors, mixed; 5,000 daisies, white and red and 20 other varieties for bedding, all strong and healthy plants. I want to sell them at wholesale. Ludwig Mosback, 8500 Anthony Ave., near So. Chicago Ave., So. Chicago, Ill.

COLEUS.	1,000.	100.
Golden Queen or Bedder	$4.00	$0.50
Crimson Verschaffeltii	6.00	.70
25 other varieties	5.00	.60
Alternanthera, A. Nana	5.00	.60
Heliotropes, 12 varieties		1.00
Salvias, Bedman, Splendens and Silverspot.		1.00
Cuphea, Cigar Plant		.75
Sweet Alyssum, Giant Double		.60
Variegated Alyssum		.60
Ageratums, Stella Gurney and others		.50

The above are rooted cuttings. By mail, 5 cts. per 100 extra.

Geraniums. Nutt and others, 2-inch pots, $2.50 per 100; our selection, per 100 ....$2.00
Ivy Geraniums, 12 vars., 2-in. pots, per 100 .... 3.00
Heliotropes, 2-in. pots, per 100......... 1.50
Vinca Variegated, 2-in. pots, per 100......... 2.00
Vinca Variegated, 4-in. pots, per 100......... 8.00
Pelargoniums, Mrs. Layal, Victor and Robert Sandiford, 4-in. pots, per 100.... 10.00
Cash with order.
C. A. HARRIS & CO., Delanson, N. Y.

	In Pots.	100.	1000.
Alternanthera, red and yellow	2	$1.60	
Carnation Flora Hill, from flats.		1.25	$9.50
Carnation L. McGowan, from flats		1.00	7.00
Carnation Wm. Scott, from flats		1.00	7.50
Cuphea Platycentra	2	2.00	
Dracaena Indivisa	3½	5.00	
Feverfew	2	1.50	
Fuchsia	2	2.00	
Geranium Mme. Salleroi	3½	3.50	
Heliotrope	3	2.50	
Ivy, German	2	2.00	
Lobelia, C. P. Compacta	2	1.50	
Pansies, large plants			4.00
Petunias, double, finest, lg. flg.	3	2.50	18.00
Roses, Brides	2	2.00	
Roses, Maids	2	2.00	18.00
Salvia Splendens and Bonfire	2	1.60	
Verbenas	2	1.50	

Write for prices on larger pots.
THOS. McALLISTER & CO., Batavia, Ill.

Geraniums—Good varieties, 4-in. pots, $6.00 per 100; 3-in. pots, $3.00 per 100.
Heliotrope—4-in. pots, $5.00 per 100.
Cannas—Mixed, 3½-in. pots, $5.00 per 100.
Vinca Major var.—2½-in. pots, $3.00 per 100.
Cash with order, please.
G. RUMMLER, Nyack, N. Y.

Last call for stock for Decoration Day. Lobelias, sweet alyssum, salvia, pelargoniums, fuchsias, German ivy, vincas, Mme. Salleroi geraniums, lantanas, begonias, etc. Write or wire. Geo. A. Kuhl, Pekin, Ill.

Send for our surplus list of bedding plants. Phoenix Nursery Co., Box 625, Bloomington, Ill.

Centaurea gymnocarpa, $2.50 per 100. C. L. Reese, Springfield, Ohio.

If you read these advs. others would read yours.

BEGONIAS.

Begonias—Tuberous-rooted.	Per 100.	Per 1,000.
Single, bulbs 1¼-in. and up, all colors mixed	$2.25	$18.00
Double, large bulbs, 1¼-in. and upward: White, red, pink, yellow, orange and all colors mixed	3.50	30.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Double tuberous-rooted begonias. We offer a grand lot of these at an exceptionally low price. No better begonias are obtainable, and we offer them at an exceedingly low price. We can furnish them in five separate colors, white, pink, scarlet, yellow, and crimson. $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Begonias. 1500 Carnota, Thurstoni, Argenteo-guttata, etc., 3 and 4-in., superfine in quality, at 4 to 8c. A bargain, as they are extra large and absolutely perfect. E. I. Bradley, Murphysboro, Ill.

Begonias. Pres. Carnot, Argentea Guttata, Bertha de Chateaurocher, Foliosa, Fairy, $3.00 per 100. Manicata aurea, 3-in. pots, $6.00 per 100. C. L. Reese, Springfield, Ohio.

Gloire de Lorraine Begonias. I have the largest stock in America. $15.00 per 100, out of 2¼-in. pots. Write for prices on large lots. Thomas Roland, Nahant, Mass.

Begonia Vernon, Erfordii, Sandersoni, pictas and mixtures, first class 2 and 2½-in., $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Begonia Vernon, 2½-in. pots, $2.50 per 100; 4-in. pots, $8.00 per 100. Fine bedding plants. Larchmont Nurseries, Larchmont, N. Y.

Begonias. Dark red, pink and white, dwarf growers; fine plants, 2½-in., $2.00 per 100; $18.00 per 1000. C. Winterich, Defiance, Ohio.

Tuberous rooted begonias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Begonias, flowering, 10 choice varieties, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

Begonia maniicata aurea, 2-in., 50c per doz. N. O. Caswell, Delavan, Ill.

BOUGAINVILLEA.

Bougainvillea, fine plants, 4-in. pots, $2.00 a doz.; extra large plants, 60c each. John G. Heinl & Son, Terre Haute, Ind.

Bougainvillea Sanderiana, 12 to 15 in. high, 2½-in., $3.50 per 100. Good & Reese Co., Springfield, Ohio.

BULBS.

A BIG DROP IN PRICES. Holland hyacinths, tulips, narcissus, spiraeas, etc. Orders now booked for fall delivery. Bulbs supplied at grower's prices in Holland. Also Roman Hyacinths, Narcissus, Paper White Grandiflora, Freesias, Lilium Harrisii and Longiflorum, calla lilies, Chinese narcissus, Japanese fern balls, Berlin Lily of the Valley, Imported Hardy Roses, Rhododendrons, Azaleas, Clematis, Tree Roses, Crimson Ramblers, American Roses, field-grown on own roots, Snowballs, Hydrangeas, and all ornamental nursery and fruit tree stock, from Holland, France and Japan. Florists, seedsmen, superintendents of parks, cemeteries and public institutions will find it to their advantage to send me an estimate of their wants before purchasing elsewhere.

Bargains to close out for immediate delivery; quantity, limited: Excelsior Dwarf Pearl Tuberoses, first size, first quality, per 1,000, $3.75; 600 for $2.00. Cash with order.
C. H. JOOSTEN, 85 Dey St., NEW YORK.

CALADIUM ESCULENTUM.

	Per 100.	Per 1,000.
Bulbs, 6 to 7 in. in circumference	$1.50	$12.50
Bulbs, 7 to 9 in. in circumference	2.50	20.00
Bulbs, 9 to 11 in. in circumference (monsters)	3.50	40.00
Bulbs, 12 in. and over (monsters)	10.00	

TUBEROSES (Excelsior Pearl).

	Per 100.	Per 1,000.
Strictly first size bulbs, 4 to 6 in. around, 5,000 for $20.00	$0.60	$4.50
Albino, or branching tuberose, 4 to 6 in. bulbs	.90	8.00
Variegated Leaf	.90	8.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

CALIFORNIA BULBS. Field-grown.

	100.	1000.
Calla, mammoth	$7.50	
Calla, extra large, 2 to 2½-in. diam.	6.00	$50.00
Calla, large select, 1¾ to 2-in. diam.	5.00	40.00
Calla, medium, 1½ to 1¾-in. diam.	4.00	30.00
Calla, medium, 1¼ to 1½-in. diam	3.00	20.00
Calla, small, 1 to 1¼-in diam.	2.00	15.00
Amaryllis formosissima, strong	5.00	
Narcissus polyanthus, white	2.00	10.00
Ornithogalum Arabicum	3.00	20.00

Ready to ship June 15. A. R. Meserve & Son, 635 So. Broadway, Los Angeles, Cal.

TO CLEAN UP.
First size Pearl Tuberoses, 1000, $4.00.
PLANT SEED CO., St. Louis, Mo.

Zephyranthes rosea. Flowers profusely in hottest sun. Lasts several days when cut. Just the thing for florists. Flowering bulbs, 30c per doz.; $2.50 per 100. A few vinca minor left at $1.00 per 100 to close out. Cannas and dahlias, mixed, strong roots, $1.50 per 100. C. M. Hemala, Box 51, Buckley, Ill.

Lilies at Christmas. 20,000 cold storage bulbs ready July. Special forcing varieties; no disease; 16 weeks does the trick easy. 5-7 inches, $5.00 per 100, $40.00 per 1000, f.o.b. Victoria, B. C. Edw. Alex. Wallace, Invertavish Nursery, Victoria, B. C.

Bulbs, Plants, Seeds, Hyacinths, Tulips, Narcissus, Lilies, etc. Special prices on application. James Vick's Sons, Rochester, N. Y.

Iamene calathina. Splendid summer lily. Flowering bulbs, 1st size, $10.00; 2d size, $8.00 a 100. John G. Heinl & Son, Terre Haute, Ind.

Excelsior Pearl Tuberose bulbs, $1.00 per 100; $7.50 per 1,000. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Prices on all summer, fall and winter bulbs cheerfully given by F. W. O. Schmitz, Jersey City, N. J.

Bulbs and plants for fall and spring delivery quoted at a little above cost price. Just try it. Hulsebosch Bros., Englewood, N. J.

Wholesale Bulb Growers. R. Van der Schoot & Son, Hillegom, near Haarlem, Holland.

Tuberose bulbs, Excelsior Pearl, 75c per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

CACTI.

Many varieties of choice phyllocacti, cereus, mamillaria and opuntia at 75c to $1.00 per doz. Very fine plants of Aloe vera, A. picta, striped century, at $1.50 per doz. Echeverias and succulents at half price for the next month. Cash with order. Mrs. M. E. Patterson, Glendora, Cal.

CALLAS.

Calla lily Little Gem, dwarf, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

CANNAS.

Well-established plants from 3-in., $6.00 per 100. Souv. de Mme. Crozy, Directeur Roelz, Pierson's Premier, Ex-Campbell, Robusta, Florence Vaughan, Queen Charlotte, Egandale, A. Bouvier, Chas. Henderson, Burbank, Beaute Poitevine and Crimson Bedder. Allemania, $8.00 per 100. Black Prince, $10.00 per 100. Nathan Smith & Son, Adrian, Mich.

Cannas, well established in 3 and 4-in., $6.00 per 100; $50.00 per 1000: Pres. McKinley, Florence Vaughan, Tarrytown, J. C. Vaughan, Henderson, Egandale, Pierson's Premier, Duke of Marlborough, Souv. de Antoine Crozy, Chicago, Queen Charlotte, Comte de Bouchard. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Cannas Queen Charlotte, Austria, Chas. Henderson, Florence Vaughan, Italia, Mme. Crozy, Alphonse Bouvier, Flamingo, Papa, Burbank and Philadelphia, fine, started plants, from 3-in. pots, $5.00 per 100; 4-in., $6.00 per 100. National Plant Co., Dayton, Ohio.

Cannas Burbank, Crozy, F. Vaughan, Egandale, Pres. Cleveland, Robt. Christie, Asa Grey, Queen Charlotte, A. Bouvier and Chas. Henderson, 4-in. pots, 8 to 15 inches high, fine stock, $6.00 per 100. Cash. S. M. Harbison, Danville, Ky.

Cannas—Large dormant roots. Austria, clear yellow, grand foliage, Grand Rouge, bronze foliage variety, 50c per doz.; $2.00 a 100; $16 a 1,000. CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

10,000 Austria, strong roots, 2 to 3 eyes, 60c per 100; $5.00 per 1000. Austria, strong plants from pots, $2.00 per 100. Fairview Floral Co., Beatty, Ohio.

Dormant Austria, Ami Pichon, Burbank, Chevalier Besson, Chas. Henderson, Alsace and others, $2.00 per 100. Jas. Morton, Clarksville, Tenn.

Pennsylvania and 8 other new cannas. The set of 9 for $4.00. 50 other leading varieties. Write for list. The Conard & Jones Co., West Grove, Pa.

Cannas. 650 fancy quality 4-in. cannas in best varieties named, at 6c in assortment. The lot for $40.00 cash. E. I. Bradley, Murphysboro, Ill.

Cannas—Burbank, from sand bed, well rooted, $2.00 per 100. W. W. Dedrick, Ashley, Ind.

Cannas, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Canna Chas. Henderson, 3-in., strong plants, $4.00 per 100. James Frost, Greenville, Ohio.

Canna Austria, strong, started plants, $3.00 per 100. C. L. Reese, Springfield, Ohio.

Cannas, $8.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

CAREX.

Carex japonica variegata, 2½-in., $5.00 per 100. Nathan Smith & Son, Adrian, Mich.

Carex japonica, $3.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

CARNATIONS.

ROOTED CARNATION CUTTINGS. All stock sold under the condition that if not satisfactory it is to be returned at once, when money will be refunded.

	100.	1,000.
Guardian Angel	$ 4.00	$35.00
Marquis	3.00	25.00
Genevieve Lord	3.00	25.00
Crocker	2.50	25.00
Crane	3.00	25.00
Mrs. Bradt	2.00	17.50
John Young	1.50	12.50
Argyle	1.00	9.00
Evanston	1.00	9.00
Frances Joost	1.00	9.00
Cerise Queen	1.00	9.00
Gov. Griggs	1.00	9.00
White Cloud	1.25	10.00

PETER REINBERG, 51 Wabash Ave., Chicago, Ill.

Carnations. Strong stock.
Frances Joost, $1.50 per 100; $12.00 per 1,000.
Gen. Gomez, $2.00 per 100; $15.00 per 1,000.
McGowan, $1.00 per 100; $9.00 per 1,000.
Wm. Scott, $1.00 per 100; $9.00 per 1,000.
All extra fine.
Isabella Greenhouses, Box 82, Babylon, L. I., N. Y.

ROOTED CARNATION CUTTINGS. We can supply all the newer and standard varieties at the lowest market prices. All stock offered by us is grown by carnation specialists and is guaranteed good, healthy, true to name stock. All cuttings shipped direct from greenhouses.
McKELLAR & WINTERSON,
45, 47, 49 Wabash Ave., CHICAGO.

Lawson, $7.00 per 100, $60.00 per 1000; Estelle, $6.00 per 100, $50.00 per 1000; Marquis, Lord, Elm City, $5.00 per 100, $40.00 per 1000; Crocker, America, L. Paul, $2.50 per 100, $23.00 per 1000; Hill, $2.00 per 100, $15.00 per 1000; Armazindy, Evanston, Dana, Meteor, Victor, $1.00 per 100, $10.00 per 1000. Dana R. Herron, Olean, N. Y.

Carnation rooted cuttings. Ethel Crocker and Mary Baker, $2.50 per 100, $20.00 per 1,000; Flora Hill and Triumph, $1.60 per 100, $12.50 per 1,000; Marquis, $3.00 per 100; Crane, $2.00 per 100. Geo. F. Christie, Clifton Heights, Pa.

Rooted cuttings from soil, well hardened; ready to plant. As good as 2½-in. plants. Per 100: Crane, $2.50; Pingree, $2.00; Crocker, $1.50. Cash. H. L. Phelps, Springfield, Ill.

Strong 2½-in. plants at $2.00 per 100; 1200 Scott, 400 McGowan, 150 Jubilee, 150 Daybreak, 100 Crane, 150 Ivory. Cash, please. J. N. Kidd, St. Joseph, Mo.

Carnations Norway, Egypt and Genevieve Lord. Other new and standard varieties. Send for list. H. Weber & Sons, Oakland, Md.

Strong plants of carnations Ethel Crocker, Genevieve Lord and Gen. Gomez at $2.00 per 100. C. L. Reese, Springfield, Ohio.

Gov. Roosevelt, the finest crimson yet introduced. Send for descriptive catalogue. The Cottage Gardens, Queens, N. Y.

Carnations. Place your order now for field plants for fall delivery. Geo. Hancock & Son, Grand Haven, Mich.

Prosperity, the largest fancy carnation. Write for full description. Dailledouze Bros., Flatbush, N. Y.

Three good pinks, Ethel Crocker, Genevieve Lord, Mrs. Bertram Lippincott, $2.60 per 100.
Albert M. Herr, Lancaster, Pa.

Ethel Crocker Carnation. Well-rooted cuttings, $2.00 per 100. C. A. Schaefer, York, Pa.

For carnations write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Malcolm Lamond, the red chrysanthemum that does not burn. It grows 2½ feet high and is perfectly self-supporting; beautiful foliage; a splendid keeper and never shows a dull reverse color. Received the Chrysanthemum Society's certificate and was awarded 91 points by the Philadelphia committee. Price, 35c each; $3.50 per doz.; $25.00 per 100. JAMES NIVEN, Thermal Vale Nursery, Oakland, Cal.

Chrysanthemums from soil and 2½-in. pots, $2.00 per 100, $17.50 per 1000: Mrs. H. Robinson, Golden Wedding, Ivory, Major Bonnaffon, Pacific, White and Yellow Monarch, Bergman, Woodford, Lady Fitzwygram, Helen Bloodgood, J. G. Whilldin and others. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Fine stock of the following varieties from 2¼-in pots at $3.00 per 100: Polly Rose, Mrs. J. Jones, M. de Montmorte, Glory Pacific, Bonnaffon, Ivory, Pink Ivory, Harry A. Parr, Mrs. Murdock and Nagoya. Anemone, Queen Charlotte, $5.00 per 100. Nathan Smith & Son, Adrian, Mich.

Mrs. H. Robinson, Mrs. E. G. Hill, Golden Wedding, Maud Dean, Ivory, Marion Henderson, E. Dailledouze, Major Bonnaffon and many other fine varieties. Write for circular. Rooted cuttings and from 2¼-in. pots, $2.00 per 100. A. D. Montgomery, Hazleton, Pa.

Bonnaffon, Queen, Jerome Jones, Bergmann, Perrin, Autumn Glory, Adele, Oct. Sunshine, Yanoma, Robt. Halliday, Mrs. H. Weeks, Wanamaker, Ivory and Button, good 2-in., $2.50 per 100; $20.00 per 1000. Ben L. Elliott, Creswick, Pa.

New chrysanthemum Joseph Cook, scored 89 commercial points in Philadelphia; a light blush pink, stiff stems, blooms very early, $2.50 per doz. Cash with order. John Cook, 318 North Charles St., Baltimore, Md.

All standard varieties, rooted cuttings, $1.00 per 100; $9.00 per 1,000. White and Yellow Monarch and Wm. Simpson, from 2¼-in. pots, $2.00 per 100. Cash please. E. Leuly, West Hoboken, N. J.

Chrysanthemums. First-class stock, $2.50 per 100. All the leading varieties. Send list of your wants for prices on large lots. Jas. Morton, Clarksville, Tenn.

Hardy pompon chrysanthemums, 8 fine sorts, rooted cuttings, $1.25 per 100 postpaid; 2¼-in., $2.00 per 100. Cash. Chas. S. Dutton, 35 W. 12th St., Holland, Mich.

Chrysanthemums, 2½-in. stock and rooted cuttings. For list of varieties and prices see display adv. in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS — Continued.

Chrysanthemums. Leading commercial varieties, 2½-in., $2.50 per 100. Rooted cuttings, $1.00 per 100. Write us your wants. Krueger Bros., Toledo, Ohio.

Chrysanthemums, the leading cut flower varieties, 2½-in., $2.50 per 100. John A. Doyle Co., Springfield, Ill.

Good rooted cuttings of Bonnaffon, $1.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

All the new and standard chrysanthemums. Write for list. H. Weber & Sons, Oakland, Md.

CINNAMON VINE.

Splendid large 2-yr. roots, $1 per doz. delivered. Smaller ones $5 per 100. Now is the time to plant. A. T. Boddington, Seedsman, Hyde Park, N. Y.

CLEMATIS.

Clematis Paniculata.	Per 100	Per 1,000
No. 1	$ 6.00	$ 50.00
3 years old	7.25	70.00
Extra size	9.00	80.00
Double extra	12.00	110.00
One year, very fine	2.50	20.00

The Elizabeth Nursery Co., Elizabeth, N. J.

Clematis paniculata, strong, 5-in., 10c; clematis, purple, white and lavender sorts, 4-yr., 20c; 2-yr., dormant or from 5-in., 18c; fine 1-yr. at moderate price. W. H. Salter, Rochester, N. Y.

100 Clematis paniculata, 1 year, transplanted, $1.25, mailed free. John H. Ley, Good Hope, D. C.

Clematis, strong 2-year, in 4 and 6-in. pots, $2.00 per doz. F. A. Baller, Bloomington, Ill.

Clematis paniculata, from flats, $1.25 per 100. John A. Doyle Co., Springfield, Ohio.

COBÆA.

Cobaea scandens, nice stock, 2-in., $2.00 per 100. W. Bierstadt & Son, Springfield, Ill.

COLEUS.

Coleus, 2¼-in., $1.50 per 100, $15.00 per 1000; 25 varieties, mixed; all top cuttings, well established; ready to pot up and propagate and guaranteed satisfactory in every particular. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Extra fine lot, 25 varieties, 2-in., $1.60 per 100; $12.00 per 1,000. Rooted cuttings of same, 60c per 100; $7.00 per 1,000. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Coleus, strong rooted cuttings, 60c per 100; $5.00 per 1,000. Golden Bedder and Verschaffelti, 75c per 100; $6.00 per 1,000. Buckley Plant Co., Springfield, Ill.

A fine assortment of coleus, 2-in., $2.00 per 100; $15.00 per 1000. John A. Doyle Co., Springfield, Ohio.

Coleus, fine bedding varieties, 2 and 2½-in., $2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Coleus, 15 varieties, 2½-in. strong, $2.00 per 100. Jos. H. Cunningham, Delaware, Ohio.

Coleus, best varieties from 2½-in., $2.00 per 100. J. Palmer Gordon, Ashland, Va.

Coleus, fine assortment, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

CYCAS.

Cycas revoluta, Dormant stems. The long leaf var. only handled. New importation just arrived. Please state with order what size wanted, from ¼ lb. to 20 lbs. Per 100 lbs., $8.00; 500 lbs., $37.50; 1000 lbs., $70.00; 2000 lbs., $120.00. F. W. O. Schmitz, Jersey City, N. J.

Just received a large consignment of cycas stems in case lots of 250 lbs., 1-6 lb. and 6-12 lb. stems. Write for prices. Bobbink & Atkins, Rutherford, N. J.

Cycas revoluta, assorted sizes. Price: 10c per lb.; 100-lb. lots, 9c per lb. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Cycas revoluta, long-leaved sort, $8.00 per 100 lbs., in from 1 to 15 lbs. H. H. Berger & Co., 47 Barclay St., New York.

Cycas revoluta, dormant, $10.00 per 100 lbs. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen grand, spl. in different colors, all labeled; twice transplanted, extra strong, $3.00 per 100; $40.00 per 1000. Cash, please. Lehnig & Winnefeld, Hackensack, N. J.

Giganteum splendens, transplanted, ready for 3-in. pots, extra stocky plants, $2.50 per 100. $20.00 per 1000. C. Winterich, Defiance, Ohio.

Cyclamen persicum giganteum, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, Ohio.

CYPERUS

Cyperus alternifolius, 2½-in., $2.50 per 100. Nathan Smith & Son, Adrian, Mich.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now. Florists' Pub. Co., Chicago.

DAHLIAS.

Dahlias. Large field clumps.	Per 100.	Per 1,000.
Cactus, show and fancy double mixed, all colors	$ 3.50	$30.00

Storm King, finest white for cutting. 15.00

CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

Dahlias. Dormant roots of Storm King, Livoni, Penelope, Ruby Queen, Frank Smith, Catherine, etc., in assortment. $6.00 per 100. E. Sexton, Delmar, N. Y.

DAISIES.

Marguerite, rooted cuttings. Per 100: California White, $3.00; Giant White, $4.00; Common White, $2.00. Poehlmann Bros. Co., Morton Grove, Ill.

Marguerites, double yellow, $2.00 per 100; $17.50 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Marguerites, white, 2½-in., $1.25; 3-in., $2.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Marguerite, large white; rooted cuttings, $1.00 per 100. Geo. Smith, Manchester, Vt.

DRACÆNAS.

Dracaena indivisa, 2-in., $6.00; 4-in., $10.00; 5-in., $12.00 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

1,000 Dracaena indivisa, 5-in., $15.00; 6-in., $18.00 per 100. Cash with order. Thomas D. Sandy, Langhorne, Pa.

Dracaena indivisa, 4½-in., $15.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Dracaena indivisa, strong 4-in. pot plants, $12.00 per 100. B. B. Blair, Charlevoix, Mich.

Dracaenas, 5-in., $2.50 per doz. Cash. Converse Greenhouses, Webster, Mass.

Dracaena indivisa, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Dracaenas, 4-in. pot plants, $1.50 per doz. A. & G. Rosbach, Pemberton, N. J.

FERNS.

We have an immense stock of ferns to offer this season, and the plants are clean and healthy.

Varieties.	Size	Per Doz.	Per 100.
Cyrtomium Falcatum	3-inch	1.00	8.00
Cyrtomium Falcatum	4-inch	1.50	12.00
Cyrtomium Falcatum	5-inch	2.50	15.00
Pteris Serrulata	2-inch	.50	4.00
Pteris cretica albo-lin.	2-inch	.60	4.00

The above 2-in. and 3-inch pots are just right for fern dishes.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

100 ferns from flats, nice plants, 5 good sorts, $1.25, mailed free; $10.00 per 1,000 by express. 100 Boston ferns, strong, 3-in. pots, $4.00. John H. Ley, Good Hope, D. C.

Small ferns. Young stock for fern pans. Four best varieties in 2¼-inch pots, $3.60 per 100, $32.50 per 1,000. J. W. Caldwell & Bro., 2306-24 Wentworth Ave., Chicago.

Polystychum proliferum (lace fern), the best general purpose fern in existence; 3-in., pot size, $7.00 per 100. A. & G. Rosbach, Pemberton, N. J.

Fifty beautiful varieties from the southern states; also British from Devon and Cornwall. Fine specimen plants. B. B. Baker, Norwood, Ontario.

Boston ferns, 2½-in., 60c per doz., $3.00 per 100; 3-in., $1.00 per doz., $10.00 per 100; 6-in., $5.00 per doz. N. cordata, 2-in., $1.00 per doz. A. J. Baldwin, Newark, Ohio.

Ferns for dishes, $3.00 per 100; $25.00 per 1,000. Pteris tremula, 2½-in., $5.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Extra strong N. exaltata, ready to pot up, 2, 2½ and 3-in., at $2.00, $2.25 and $2.75 per 100. N. O. Caswell, Delavan, Ill.

Home-grown, fine, clean stock. Send for price list. B. B. Heise, Dayton, Ohio.

Hardy ferns, fine varieties, $2.00 per 100. Mrs. Belle Steele, Jackson, Jackson Co., Ohio.

Boston ferns, runners, $3.00 per 100. Cash. Converse Greenhouses, Webster, Mass.

Boston ferns, 2½-in., $3.00 per 100. Cash. O. W. Weatherby, Chillicothe, Mo

Boston ferns, 2½-in., $3.00 per 100. John A. Doyle Co., Springfield, Ohio.

FEVERFEW.

Feverfew, Per 100, 2-in. $2.50; 4-in., $5.00. Cash. Converse Greenhouses, Webster, Mass.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

FRUIT PLANTS.

Strawberry plants. Well-rooted young plants, securely packed to be shipped by express. Saunders, Sharpless, Gandy, Bubach, Marshall, Pride of Cumberland, Greenville, Excelsior, Darling, Bismarck, Jessie Ridgeway, Maxwell, Gandy Belle, and Wolverton, at 50c per 100, $2.00 per 1,000. Not more than three varieties in 1,000. At 1,000 rates, Barton's Eclipse, Bederwood, Seaforth Elenor and Crescent at 50c per 100; $1.50 per 1,000. Not less than 500 of a variety at 1,000 rates. Miller Rush, strong plants, 75c per 100; $4.00 per 1,000. Chas. Black, Hightstown, N. J.

Potted strawberry plants, 29 varieties, ready July, at $1.50 per 100; $12.00 per 1000. Send for list. Tice C. Kevitt, Athenia, N. J.

Joseelyn, or Red Jacket gooseberry, 1 and 2-yr. Write for prices. F. A. Baller, Bloomington, Ill.

FUCHSIAS.

Fuchsia, double, $1.50 per 100; $12.60 per 1,000; single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Fuchsias, single and double, best varieties, mixed, 3-in., $4.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Fuchsias, nice little plants, 2-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

GERANIUMS.

Headquarters for Geranium Seed! "Good Venture" mixture, 25 new large-flowering sorts, 50c per trade pkt.; $5.00 per oz. Large-flowering White, large-flowering Pink, $2.00 1000 seeds. Large-flowering Crimson, Crimson-flamed Scarlet, each, $2.00 per 1000 seeds. Large-flowering Scarlet, with white eye, $1.25 per 1000 seeds. Souv. de Mirande, $2.00 per 1000 seeds. Mme. Bruant and Fleur Poitevine, each, 20c per 100 seeds. Large-flowering Double, special mixed, 75c per 100 seeds. Bronze and Gold, $1.75 per 1000 seeds. Gold and Silver Tricolor, 50c per 100 seeds. Ivy, single mixed, $3.00 per 1000 seeds; double mixed, 50c per 100 seeds. Theodosia B. Shepherd, Ventura-by-the-Sea, Cal.

The following varieties in 2¼-in. pots at $2.00 per 100; in 3-in. at $5.00 per 100. Duc de Montemart, S. A. Nutt, Marvel, Wm. Phitzer, La Favorite, Mme. Bruant, Dr. Denis, Caesar, Pierre Le Brun, La Fayette, Kleber and Richelieu. The following in 2¼-in. only: Mars, Countess de Flanders and Mme. Salleroi. The following in 3-in. only: M. A. Borie Aine, M. Alph. Ricard, Mme. Buchner, Sam Sloan and M. Canovas. Mars from 2½-in., $4.00 per 100. America from 2½-in., $8.00 per 100. Nathan Smith & Son, Adrian, Mich.

Geraniums in bud and bloom; 15 of the best standard vars., such as S. A. Nutt, Beaute Poitevine, A. Ricard, Dbl. Grant, E. G. Hill, John Doyle, Mme. Jaulin, Mars, La Favorite, A. Kolway, Countess de Flanders, from 4-in. pots, $6.00 per 100, $50.00 per 1000. Above sorts in 2½-in., $3.00 per 100, $25.00 per 1000. Rooted cuttings, $15.00 per 1000. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

One chance in a thousand to get stock of well tested novelties of 1899, 1900 and 1901. Dr. Despres, Jean Viaud, Clyde, etc., from 2½ and 3-in. pots. A collection of 25 varieties, including one Lucy Ewing, for $2.50. Also standard varieties from 2-in. in bud and bloom, for bedding and market purposes. Marvel, Nutt, Mme. Bruant, etc., $5.00 per 100. W. E. Hail, Clyde, Ohio.

GERANIUMS.
FINE ASSORTMENT
2½-INCH POTS.
$2.00 PER 100.
CASH.
G. W. WEATHERBY,
CHILLICOTHE,
MO.

Geraniums, leading varieties, all in bud and bloom, 2-in., $2.00; 2½-in., $2.50; 3-in., $3.00 per 100; by the 1000 at same rate. We have strong bushy plants of Mme. Salleroi in 2¼-in. at $1.75 per 100. These plants are all in No. 1 condition and will be well and lightly packed and low express rates obtained. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Geraniums. 20 best varieties, extra strong, fall rooted, 3¼ and 4-in., 1 to 3 buds and blooms each. Your choice of color, single or double, $6.00 per 100. No better at any price. Money back if not pleased. J. G. Reynolds & Son, 136 W. Fultney Street, Corning, N. Y.

Geraniums, a fine lot, from 4-in. pots, in bud and bloom. Dbl. Grs. Grant, Mme. Jaulin, E. G. Hill, S. A. Nutt, Mme. Bruant and others, $7.00 per 100. John Doyle, Alphonse Ricard, Mme. Barney, $6.00 per 100. Cash. R. Pabst, Rutledge, Del. Co., Pa.

S. A. Nutt, Bruanti, Grant, F. Perkins, E. G. Hill, La Favorite and Beaute Poitevine, rooted cuttings, $1.50 per 100, $11.00 per 1000. Mme. Salleroi, 2¼-in., $2.00 per 100. Rose geraniums, 2½-in., $2.00 per 100. Buckley Plant Co., Springfield, Ill.

Geraniums of the following varieties, in fine shape, 4-in., $5.50 per 100; $50.00 per 1,000: Ricard, Nutt, Poitevine, John Doyle, La Favorite, Hill, F. Perkins, La France. Cash please. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Geraniums, fine plants, well budded or in bloom, of Red Bruant and Dbl. Grant, 4-in., $5.00 per 100. Nutt and La Favorite, $6.00 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

15,000 geraniums. Best leading bedding varieties, 4-in. pots; nice stocky plants. Prices on application. Wm. Schroeder, 10th St. and 1st Ave., Williamsbridge, N. Y. City.

Fine Geraniums from 4-in. pots, in bud and bloom; best standard varieties of white, pink, red, scarlet and salmon at $6.00 per 100. National Plant Co., Dayton, Ohio.

Geraniums. Per 100: S. A. Nutt, Beaute Poitevine and Mme. Bruant, strong, 4-in., $6.00; Mme. Salleroi, strong, 3-in., $3.00. B. B. Blair, Charlevoix, Mich.

Geraniums, Scented, Rose, Lemon, Nutmeg, Balm, Fernifolia, Shrubland Pet, etc. Strong plants, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Geraniums. Per 100. Cloth of Gold, 2½-in., $2.50; Mme. Salleroi, 2½-in., $2.00; Mrs. Pollock, 2½-in., $5.00. Cash. G. W. Weatherby, Chillicothe, Mo.

Geraniums. Extra fine S. A. Nutt and Bruant, in bloom, 4-in., $7.00 per 100; 3½-in., $5.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

S. A. Nutt, 2¼-in., $3.50 per 100. Mme. Salleroi, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Geraniums, best red, pink and salmon, 4-in., $7.00; 3½-in., $6.00; 3-in., $4.50 per 100. Fine sturdy stock. W. H. Gullett & Sons, Lincoln, Ill.

Geraniums. We are headquarters for all the leading varieties. Send for descriptive catalogue. Cottage Gardens, Queens, N. Y.

Nutt, Poitevine, Ricard, Dbl. Grant and Ivy, extra strong 4-in., $6.00 per 100; Rose, 4-in., $4.00. W. S. Herzog, Morris Plains, N. J.

Geraniums. Per 100: Assorted, 2½-in., $2.50. Ivy, 2½-in., $2.50; 3-in., $3.50; 4-in., $6.00. Cash. Converse Greenhouses, Webster, Mass.

Geraniums, per 100. Mixed, 2½-in., $1.50; 3-in., $5.00. Jean Viaud, 3-in., $10.00; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Geraniums, only the cream of varieties. Per 100: 2½-in., $2.50; 3-in., $4.00; 4-in., $7.00. C. Winterich, Defiance, Ohio.

Geraniums, best bedding varieties, all colors, mixed, 3-in., $4.00; 4-in., $5.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Geraniums, best kinds, 2 and 3-in., $2.50 per 100; fine stock in 4-in., $5.00 per 100. Williams & Sons Co., Batavia, Ill.

Geraniums, mixed varieties, fine large, 3½-in. plants, $4.00 per 100. Van Wert Greenhouses, Van Wert, O.

Blooming geraniums of the best varieties, all in fine shape, 4-in. stock. Write or wire. Geo. A. Kuhl, Pekin, Ill.

Geraniums, 3 and 3½-in. strong; assorted; best kinds, $3.00 per 100. Brockman & Co., Fort Smith, Ark.

Geraniums, 2000 4-in., extra fine stock and varieties, $7.00 per 100. Cash. B. Kramer, Evansville, Ind.

Geraniums, assorted, 2-in., $2.00; 3-in., $5.00; 4-in., $6.00 per 100. Cash, please. J. N. Kidd, St. Joseph, Mo.

Geraniums, 10 varieties, 2½-in., $3.00; 3½-in., $4 per 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

Geraniums, mostly double varieties, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, O.

Geraniums, the best bedding varieties, $2.00 per 100. John A. Doyle Co., Springfield, Ohio.

Geraniums, good selection, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

GLADIOLI.

Gladioli bulbs. Another cut in price. Good mixed, strictly 1st size bulbs, 1½-in., and over in diameter, and containing over 50 per cent white and light types, same as sold elsewhere at $9.00 per 1,000, our price, 60 cts. per 100; $5.00 per 1,000, or 2,000 bulbs for $9.00. American Hybrids, mixed, selected bulbs, $1.00 per 100; $7.50 per 1,000. White and light, for florists, $1.75 per 100; $16.00 per 1,000. May, pure white, $2.00 per 100; $17.50 per 1,000.
CLUCAS & BODDINGTON CO., 342 W. 14th St., NEW YORK.

10,000 gladioli. Good mixture, 40 per cent light and white, 3rd size, $3.00 per 1,000, 4th size, $2.00 per 1,000. Seedling bulbs, $1.00 per 1,000. 3rd and 4th size will nearly all bloom this season. D. L. Hollinger, Barberton, Ohio.

Gladioli, mixed, 80c per 100. Levant Cole, Battle Creek, Mich.

GLOXINIAS.

Gloxinia Hybrida Erecta Crassifolia. We still have on hand a few thousand of these, a grand collection of the finest sorts, all colors mixed, for only $4.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

Gloxinias, etc. Write for our special trade list. Bobbink & Atkins, Rutherford, N. J.

Send in your order now for a copy of the Florists' Manual.

HARDY PLANTS.

Hardy phlox. Mixed sorts, as fine an assortment as ever grew, but sold cheap on account of being mixed, from 3 and 4-in. pots, $5.00 per 100; rooted cuttings, $1.25 per 100; $10.00 per 1,000. I have some ten thousand of these growing now and ready for sale. Albert M. Herr, Lancaster, Pa.

Hibiscus totus alba, hardy shrub, pure white, blooming from June until frost. One-year plants, $2.00 doz. Clevia hybrids, fine imported flowering plants, $3.00, $4.00 and $5.00 doz. John G. Heinl & Son, Terre Haute, Ind.

Rhododendrons. We handle only the hardiest ironclad, tested sorts, and can offer fine plants, well budded, in perfect shape, 1½ to 2 ft. high, at $75.00 per 100. F. R. Pierson Co., Tarrytown-on-Hudson, N. Y.

2000 Norway maples, 3 to 4 inches caliper and 14 to 15 feet in height. They have been grown 6 feet apart, are perfect specimens, with good heads and straight trunks. Andorra Nurseries, Chestnut Hill, Philadelphia, Pa.

25 elms, 5 to 8-in. caliper; fine specimens, with well developed heads and excellent roots. Also other large stock. Send for price list. Samuel C. Moon, Morrisville, Bucks Co., Pa.

Hardy herbaceous plants. For full list of varieties and prices see adv. in issue of March 28, page 577, or write Edw. B. Jackson, Stamford, Conn.

Dicentra spectabilis, field-grown, $55.00 per 1000. Paeonies, red, scarlet, pink, assorted, $50.00 per 1000. S. E. Hall, Cherry Valley, Ill.

The new Deutzia Lemoinei. Fine plants for field in 2½-in. pots. $2.00 per 100, $18.00 per 1000. Jacob Thomann, Rochester, N. Y.

See display adv. for list of hardy herbaceous plants at $5.00 per 100. Chas. S. Dutton, 85 W. 12th St., Holland, Mich.

1500 Dwarf Boxwood for sale at $1.00 and $2.00 per 100. Cash with order. John Kready, Mt. Joy, Lanc. Co., Pa.

2,000 good crowns of Golden Glow, field-grown, $2.00 per 100. Jos. Dunn, Orr's Mills, Orange Co., N. Y.

Rudbeckia Golden Glow, 2¼-in., $2.50 per 100. Nathan Smith & Son, Adrian, Mich.

For trees, shrubs, vines and small fruits, write W. H. Moon Co., Morrisville, Pa.

HELIOTROPE.

Heliotropes. Per 100: 2½-in., $2.00; 3-in., $3.00; 4-in., $5.50. Cash. Converse Greenhouses, Webster, Mass.

Heliotrope, rooted cuttings, $1.25 a 100; $10.00 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Heliotrope, good varieties, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

HYDRANGEAS.

Hydrangeas Thos. Hogg and Otaksa monstrosa, 2½-in., $3.00 per 100; $25.00 per 1000. John A. Doyle Co., Springfield, Ohio.

Hydrangeas Thos. Hogg and Otaksa, 3-in., $3.00; 2½-in., $2.50 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Hydrangeas, in bud and bloom; 5 and 6-in., 20c each. Cash. Converse Greenhouses, Webster, Mass.

IVIES

3,000 English ivy, 4-in., 4 to 6 ft. long, $10.00 per 100; 25,000 rooted cuttings, $1.50 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

English ivies, 6-inch, $3.00 per dozen; 4-inch, $2.00 per dozen. The Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

German ivy, 2-in., $1.00 per 100; rooted cuttings, 60c per 100. Cash. Mrs. Griswold, Worthington, Ohio.

German ivy, 2½-in., strong, $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Boston ivy, $2.50 per 100. John A. Doyle Co., Springfield, Ohio.

JASMINE.

[illegible] Mai[illegible] of [illegible] $2[illegible] & Reese [illegible] Ohio.

LANTANAS.

Lantana, assorted, rooted cuttings, $1.50 a 100; $12.50 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Lantanas, good varieties and weeping, 2 and 2½-in., $2.50 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

Lantanas, assorted, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

LOBELIA.

Lobelia, rooted cuttings, $1.00 a 100, $9.00 a 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Lobelia Crystal Palace Gem, 2½ in., $1.50 per 100. Cash. Morris Floral Co., Morris, Ill.

Lobelia, 2¼-in. pots, $2.50 per 100. Nathan Smith & Son, Adrian, Mich.

MOONVINE.

Moon flower, 4-in. (staked), $6.00 per 100. James Frost, Greenville, Ohio.

MUSHROOM SPAWN.

Frequent importations of best grade English mushroom spawn. J. J. Styer, Concordville, Pa.

NASTURTIUM.

Nasturtiums, dwarf, also tall, 2½-in., $1.00 per 100. Cash. Morris Floral Co., Morris, Ill.

ORANGES.

Otaheite Oranges. Per 100, 2½-in. pots, $3.00; 3½-in. pots, $6.00; 4-in. pots, $8.00; 6-in. pots, 2 ft. high, $10.00 per 100. The McGregor Bros. Co., Springfield, O.

ORCHIDS.

We have always on hand a stock of established and unestablished orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

Strong, well established, healthy plants at $9.00 per doz. Fern roots of best quality, $1.00 per barrel. W. Mathews, Utica, N. Y.

PALMS, ETC.

We have an immense stock of Palms and Ferns to offer this season. The plants are clean, healthy and well proportioned.

It is our earnest endeavor at all times to send only such stock as will give satisfaction, and we hope to be favored with your valued patron-age.

KENTIA BELMOREANA.

Size Pot.	Height, Inches.	No. Leaves.	Each.	Per Doz.	Per 100.
2½	8 to 9	3 to 4	.....	$1.50	$12.00
3	10 to 12	4 to 5	.....	2.00	15.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00
4	14 to 16	5 to 7	.40	4.00	30.00
5	16 to 20	6 to 6	.75	7.20	60.00
6	20 to 22	6 to 7	1.25	15.00	125.00

KENTIA FORSTERIANA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2½	8 to 9	3 to 4	.....	$1.50	$12.00
3	10 to 12	4 to 5	.....	2.00	15.00
3½	12 to 14	6 to 6	$0.25	3.00	20.00
5	20 to 24	5 to 6	.75	7.20	60.00
6	28 to 30	6 to 6	1.25	15.00	125.00

LATANIA BORBONICA.

Pot.	Height.	Leaves.	Each.	Doz.	100.
2¼	.. ..	3 ..	.....	$0.60	$5.00
3	12 ..	5 to 6	.....	1.00	8.00
3½	12 to 15	5 to 6	$0.15	1.60	12.00
4	15 to 18	5 to 7	.25	3.00	20.00
6	18 to 22	6 to 7	.50	5.00	35.00
6	20 to 24	6 to 8	.60	6.00	60.00

ARECA LUTESCENS.

Pot.	Height.		Each.	Doz.	100.
2¼	6 to 6	3 plants in pot	.....	$1.00	$8.00
3½	12 to 14	3 plants in pot	.....	2.00	15.00
4	18 to 20	3 plants in pot	$0.25	3.00	25.00
6	.. ..	3 plants in pot	.75	9.00	60.00

PHOENIX RECLINATA.

Pot.	Leaves.	Dozen.	100.
3	4 to 6	$1.60	$10.00

PHOENIX CANARIENSIS.

3-inch pots, 4 to 6 leaves, $1.50 per dozen; $10.00 per 100.

ASPIDISTRA LURIDA.

Pot.	Height.	Leaves.	Each.	Doz.
5	15 to 20	8 to 12	$0.50	$6.00

PANDANUS.

	Pot.	Doz.	100.
Utilis	2½	$1.00	$ 8.00
Utilis	3	2.00	15.00

Veitchii, 7-inch, strong, $2.25 each.
Veitchii, 8-inch, strong, $3.00 each.

SANSEVIERA JAVA VAR.

Strong plants, per dozen, 3-inch, $1.20; 4-inch, $2.00; 6-inch, $3.00.

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

PALMS—Continued.

LATANIA BORBONICA. 20,000 cheap for cash.

Inch pots.	Inches high.	No. leaves.	Price each.	Per 10.	Per 100.	Per 1000.
3	8 to 10	3 to 4	$0.05	$0.45	$ 4.00	$ 38.00
4	15 to 18	3 to 5	.13	1.20	10.00	95.00
6	18 to 20	4 to 6	.28	2.70	26.00	250.00
6	20 to 22	5 to 6	.45	4.00	38.00	350.00
7	23 to 26	5 to 6	.75	7.00	65.00	......

3 plants in 8-in. pots, 24 to 27 inches high, 8 to 10 leaves, $1.10 each, $10.00 per 10, $90.00 per 100.

These plants are all strong, ready to pot up. For other varieties see wholesale list, from which a discount of 10 per cent will be given on all orders accompanied by cash.
W. J. HESSER, PLATSMOUTH, NEB.

Fresh seeds of Kentia Belmoreana or Forsteriana, 60c per 100; $4.00 per 1000. Cocos Weddeliana, 75c per 100; $6.00 per 1000. Pandanus utilis, $1.00 per 100; $7.50 per 1000. H. H. Berger & Co., 47 Barclay St., New York.

LATANIAS. Per dozen: 7-in. pots, 1 plant to pot, $15.00; 8-in. pots, 1 plant to pot, $18.00; 8-in. pots, 3 and 4 plants to pot, 2½ to 3 feet in h't and dia., 12 to 14 lvs., $24.00.
J. WM. COLFLESH,
53rd and Woodland Ave., Philadelphia, Pa.

Fresh seeds of Kentias Belmoreana and Forsteriana at $4.50 per 1000; 5000 and up, $4.00 per 1000. Areca lutescens, $5.50 per 1000; 5000 and up, $5.00 per 1000. J. M. Thorburn & Co., 36 Cortlandt St., New York.

Palms. Corypha australis, 2½-in., $3.00 per 100. Phoenix canariensis, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Kentia Belmoreana, fine, healthy stock, 2-in., $7.00 per 100. Sample by mail, 10c. Geo. L. Miller, Newark, Ohio.

Pandanus utilis, 3-in., $8.00 per 100. Cash. C. Merkel & Son, Mentor, Ohio.

Fine, clean stock; grown cool. J. B. Heiss, Dayton, Ohio.

PANSY PLANTS.

For Pansy Seed see under heading "Seeds."

BUCKBEE'S FANCY PANSY PLANTS.

Extra fine Stocky September plants, transplanted and wintered in cold frames, now in bud and bloom, $1.50 per 100; $10.00 per 1,000.
SEEDLINGS, not transplanted, $3.00 per 1,000.
H. W. Buckbee,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Fine young pansy plants of the Jennings' strain, in bloom, $1.50 to $2.00 per 100. Strong young plants, to transplant, $1.00 per 100; these are not overgrown, but are outdoor plants and will not suffer by shipping. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, Ohio.

Pansies. Fine stocky plants, in bud and bloom, from cold frame, $1.25 per 100; $10.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

Pansies, $4.00 per 1,000 by exp., 60c per 100 by mail. From seed bed of fall-sown, choice, selected seed. W. C. Jennison, Natick, Mass.

Pansies. Choice plants, $1.00 per 100; small plants, 50c per 100. Martinsville Floral Co., Nixon H. Gano, Mgr., Martinsville, Ind.

Strong pansy plants, from cold frame, in bud and bloom, $1.25 per 100; $10.00 per 1000. Buckley Plant Co., Springfield, Ill.

For the finest pansies in the market write Geo. Sanderson & Sons, Elm St., Weston, Mass.

Best pansy in the market, $2.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

Pansies, in bloom, $1.00 per 100. G. Guy Swanger, Shiloh, Ohio.

PELARGONIUMS.

Pelargoniums, named varieties, 3-in., $6.00 per 100. Cash. S. D. Brant, Clay Center, Kan.

PETUNIAS.

Double white petunias, 2½-in., $2.50 per 100; all strong plants in bud and bloom; the best double pure white and just right to pot up or plant out. Cincinnati Floral Co., 2330 Harrison Ave., Cincinnati, O.

Petunias, finest fringed and mixed, Dreer's best doubles, 2-in., $2.00; 3-in., $3.50; in bud and flower. Geo. M. Brinkerhoff, Springfield, Ill.

Petunias, white, pink, purple and blotched, strong 2¼-in., $1.50 per 100; $12.00 per 1000. Buckley Plant Co., Springfield, Ill.

Petunias, single, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Petunias, Dreer's strain, 2½-in., $3.00 per 100. Cash. G. W. Weatherby, Chillicothe, Mo.

Dbl. fringed petunias, rooted cuttings, $1.00 per 100. Krueger Bros., Toledo, Ohio.

Single Giant of California, 3-in., $3.00 per 100. W. S. Herzog, Morris Plains, N. J.

Double fringed petunias, 2-in., $2.00 per 100. E. I. Rawlings, Quakertown, Pa.

Petunias. Double fringed, $3.00 per 100. C. L. Reese, Springfield, Ohio.

PLANT LISTS.

SPECIAL TRADE LIST.

Alyssum, Double Giant, 2½-in. pots, $3.00 per 100.
Ageratum, Princess Victoria Louise, new, 2½-in. pots, $3.00 per 100.
Ageratum, Princess Pauline, 3-in. pots, $3.00 per 100.
Ageratum, dwarf, dark blue, 3-in. pots, $3.00 per 100.
Bouvardias, double and single, white, single pink, scarlet and Humboldtii, 2½-in., $3.00 per 100.
Clematis, large flowering varieties, 2 years old, $4.00 per doz.
Clematis Paniculata, 2 years old, 4-in. pots, $10.00 per 100.
Clematis Paniculata, 1 year old, 3-in. pots, $5.00 per 100.
Edelweiss (the Queen of the Alps), produces a beautiful white everlasting flower, useful in finest design work, 2-in., $3.00 per 100.
Echeveria Glauca, fine plants, $1.00 per doz.
Secunda Glauca, $4.00 per 100.
Geranium, America, the best single light pink, 3-in. pots, $8.00 per 100.
Geraniums, Mars and La Pilot, 3-in. pots, $5.00 per 100.
Lobelia, Pumila Splendens, new, dark blue, white eye, 2½-in. pots, $4.00 per 100.
Lobelia, Emperor William, 2½-in. pots, $3.00 per 100.
Forget-Me-Not Palustris, Pheasant's Eye. This is an improved summer flowering Forget-me-not. Clumps, $4.00 per 100.
Periwinkle, variegated, 2½-in. pots, $3.00 per 100.
Passiflora Coerulea, 3-in. pots, $5.00 per 100.
Salvias, Splendens and Clara Bedman, 2½-in. pots, $3.00 per 100.
C. EISELE, 11th and Jefferson Sts., Philadelphia, Pa.

Decorative and flowering plants for spring and summer seasons.
Boxwood (Pyramids), from $1.50, $2.00, $3.00, $4.00 and $5.00 a pair. Also crowns of Boxwood, stem about 3 feet high, $3.00, $4.00 and $5.00 a pair.
Crown Bay Trees, $15.00, $20.00, $25.00 and $30.00 a pair.
Kentias, all sizes. Latanias, 50c to $2.00 each. Arecas, 3 in a pot, $4.00 per doz. Rubbers, 3 feet high, $6.00 per doz. Araucaria Excelsa, $1.00, $1.25 and $1.50 each. Araucaria Robusta, $3.00 up to $5.00 each. Araucaria Glauca, $2.00 up to $4.00 each.
Oranges. Bushy plants, $1.00 to $1.50 each; 3 to 6 fruits each.
Hydrangeas, in pots, $50.00, $75.00, $100.00 per 100, for lawns, etc., in bud. Also some in bloom now.
Boston Ferns, 50c., $1.00, $1.50 and $2.00 each, fine plants.
CUT FLOWERS.
Valley, selected, $3.00 per 100; first size, $2.00 per 100. Very fine flowers. Can supply all the year around.
A. SCHULTHEIS, P. O. Box 78, Queens Bor., N. Y., College Point, L. I.

Marguerite, Feastii and argenteo-guttata begonias; Anthemis, dbl. yellow Daisies; Gymnocarpa, Dusty Miller; Salvia splendens and Eclipse abutilon at 40c per doz. or $2.50 per 100. Also Baby Primroses. Satisfaction guaranteed. J. W. Yates Plant Co., 22 West Liberty St., Springfield, Ohio.

PRIMROSES.

Dreer's Prize Primulas. Alba magnifica, the finest white; Rubra, a good dark red; Kermesina splendens, rich crimson; Chiswick Red, brightest red; Holborn Blue; Rosy Morn, rosy pink; Punctata elegantissima, spotted; Robusta grandiflora, mixed, a very strong-growing type; Fern-leaved, mixed, and Dreer's Choicest Mixture, made up out of the finest named sorts. Price, any of the above, $1.00 per trade pkt.; 60c per ½ trade pkt.
H. A. DREER,
714 Chestnut St., Philadelphia.

Primula obconica and Baby Primrose, 2½-in., $1.50 per 100. Chinese, white and pink, 2½-in., $2.50 per 100. Good & Reese Co., Springfield, O.

Baby Primroses. Good stock from 2¼-in. pots, $3.00 per 100. The McGregor Bros. Co., Springfield, Ohio.

Chinese primroses, 2¼-in., mixed, $2.00 per 100. Morris Floral Co., Morris, Ill.

POINSETTIAS.

Poinsettia pulcherrima, the favorite Christmas plant. Strong spring struck plants from 2¼-in., $8.00 per 100. Ready June 15. Wm. Scott, Main and Balcom Sts., Buffalo, N. Y.

PRIVET.

CALIFORNIA PRIVET. Per 1,000

One year, 10 to 15 inches	$ 8.00
One year, 15 to 18 inches	10.00
One year, 18 to 24 inches	13.00
Two year, 15 to 24 inches	25.00

Three yr., 4 to 6 ft., for screens, $6 per 100.
Vinca green trailing, Myrtle, $1.25 per 100.
ATLANTIC COAST NURSERIES, Office 606 4th Ave., Asbury Park, N. J.

PRIVET.	100.	1,000.
12 to 15 inches	$1.25	$10.00
15 to 18 inches	1.75	15.00
18 to 24 inches, finely branched	2.50	22.50

Elizabeth Nursery Co., Elizabeth, N. J.

PYRETHRUM.

Pyrethrum Little Gem, rooted cuttings, $1.50 per 100; $12.50 per 1,000; 2¼-in., $3.00; 3-in., $5.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

ROSES.

Rose Plants from 2½-in. pots. Liberty, $10.00 per 100, $80.00 per 1000; American Beauty, $6.00 per 100, $55.00 per 1000; Golden Gate, Bridesmaid, Bride, Meteor, Kaiserin, Perle, $2.75 per 100; $25.00 per 1000.

American Beauty, 3-in. pots, $8.00 per 100; $75.00 per 1000. Bridesmaid, Meteor, Bride, Golden Gate, 3-in. pots, $4.00 per 100; $35.00 per 1000.

Plants sold under the condition that if not satisfactory they are to be returned at once, when money will be refunded.
PETER REINBERG,
51 Wabash Ave., CHICAGO.

Hardwood Jacks, from 3-in. pots. We have 10,000 plants of this variety in superb condition; strong, well rooted, A1 in every way, $6.00 per 100; $50.00 per 1000. Queen of Edgely; fine, strong plants from 3-in. pots, $25.00 per 100; $200.00 per 1000. American Beauty; strong, well rooted plants, from 2½-in. pots, ready for a shift; very clean; $6.00 per 100; $50.00 per 1000. This stock is in the pink of condition. The Dingee & Conard Co., West Grove, Pa.

15,000 Roses—Stock healthy; 10,000 nice plants of Brides, Maids and Kaiserins from 2-in. pots at $4.00 per 100 or $35.00 per 1000; 4000 Brides and Maids from 2-in. pots, ready for shift, at $20.00 per 1000; a bargain. Also 1000 Kaiserins from 4-in. pots at $10.00 per 100, just right for planting. 3000 Major Bonnaffon mums, from 2½-in. pots, at $15.00 per 1000. Cheap. Cash with order. W. T. Hillborn, Newtown, Buck Co., Pa.

ROSE STOCKS.

Brides, Maids, Kaiserins, Carnots, Meteors, and Perles:

2¼-in	$3.00 per 100.	$25.00 per 1000
3½-in	7.00 per 100.	60.00 per 1000
4-in	8.00 per 100.	70.00 per 1000

2¼-in. Liberty, $6.00 per 100.
W. H. ELLIOTT, Brighton, Mass.

We shall have surplus of Liberty, 'Maid, Bride, Cusin, Mrs. J. P. Morgan, Golden Gate and Meteor plants, from 2½-in. and 3½-in. pots, at planting time. We will also propagate on orders. Write for prices. Benjamin Dorrance, Dorranceton, Pa.

New Roses—The Baltimore, color a light pink and of the largest size, $5.00 per doz.; Admiral Schley, the best crimson bedder ever introduced, $3.00 per doz. Cash with order. John Cook, 318 No. Charles St., Baltimore, Md.

Roses. About 4,000 H. P., such as Jack, Brunner, Mrs. John Laing, Magna Charta and others, in pots and boxes, which have been forced once, at $3.00 per 100. Cash. Shady Side Greenhouses, Box 1700, Paterson, N. J.

Roses, choice 3-in. plants ready for immediate planting. Per 100: Liberty, $18.00; Bridesmaid, Bride, Golden Gate, $12.00. 10 sample plants (to florists only) for $1.00. J. L. Dillon, Bloomsburg, Pa.

Roses. Good healthy plants of Kaiserin Augusta Victoria, 3-in., $4.00 per 100; $35.00 per 1,000; 2-in., $3.00 per 100; $25.00 per 1,000. Cash with order. M. A. Magnuson, 3309 No. Western Ave., Chicago.

Roses. Gates, Maids, Brides, Meteors, 2½-in., $3.00 per 100; $25.00 per 1,000. Gates in 3-in., $5.00 per 100. Maids, Brides, Meteors, in 3-in., $4.50 per 100. Poehlmann Bros. Co., Morton Grove, Ill.

All the leading varieties of roses in 2½-in., shifted from 2-in., and equal to stock advertised as 3-in. Also a special in 3-in. American Beauty. Write or wire Geo. A. Kuhl, Pekin, Ill.

A few thousand strictly first-class, 2-in., Meteor rose plants at $20.00 per 1,000. Maids, Brides, Perles and Gates, 2-in., $25.00 per 1,000. J. A. Budlong, 37 Randolph St., Chicago.

Roses, fine plants, 5-in., 9c. C. Soupert, Jacqueminot, C. des Blanches, C. des Alps, etc. Queen of Prairie, same size, 8c. Cash. W. H. Salter, Rochester, N. Y.

Roses. H. P. roses, Crimson Ramblers, H. T. roses. Ask for special spring list for prices. Bobbink & Atkins, Rutherford, N. J.

Roses—2½-in. pots. Bridesmaids, [illegible] per 100; $25.00 per 1000. Brides, $3.00 per 100; $25.00 per 1000. Edw. J. Taylor, Southport, Conn.

Roses. Crimson Ramblers, 3 and 4-in. pots, nice bushy plants. Price on application. Joseph Bradbury, South Orange, N. J.

Special. 600 Bridesmaids and 125 Woottons at $4.00 per 100; 200 Beauties at $6.00 per 100. Cash, please. J. N. Kidd, St. Joseph, Mo.

Roses for forcing. Splendid young stock at $3.00 per 100. Send 25c for samples. W. H. Gullett & Sons, Lincoln, Ill.

Kaiserin, first class stock, 3-in., $4.00 per 100; 4-in., $10.00 per 100. Cash with order. Jos. F. Smith, Burlington, N. J.

Bride rose plants, on own roots, 2¼-in., $3.00 per 100. J. Wm. Colflesh, 63rd and Woodland Ave., Phila., Pa.

American Beauties from 3-in. pots, $9.00 per 100; $80.00 per 1000. Jos. Heacock, Wyncote, Pa.

Brides and Maids, strong, clean, 2½-in., $2.50 per 100. Krueger Bros., Toledo, Ohio.

Roses. Send for our surplus list. Phoenix Nursery Co., Box 625, Bloomington, Ill.

Roses. Bride, Bridesmaid, Golden Gate, $2.00 per 100. C. L. Reese, Springfield, Ohio.

Manetti stocks for fall delivery.
Hiram T. Jones, Elizabeth, N. J.

RUSSELIA.

Russelia multiflora, 2-in., fine plants, 60c per doz., $4.00 per 100. A. J. Baldwin, Newark, O.

SALVIA.

Salvia Bonfire, from 2½-in. pots, $2.00 per 100. Rooted cuttings, $1.00 per 100, postpaid. Cash. R. Vincent, Jr., & Son, White Marsh, Md.

Salvia Clara Bedman, rooted cuttings, $1.25 per 100; $10.00 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Holt's Mammoth Sage, strong rooted cuttings, $1.00 per 100, $8.00 per 1,000. Cash. Benj. Connell, West Grove, Pa.

Salvias, the best blooming varieties, 2-in., $1.25 per 100. N. O. Caswell, Delavan, Ill.

SEEDS.

Cineraria Hybrida Grandiflora, the most brilliant coloring, pkt., about 500 seeds, 25c; 5 pkts., $1.00.

Cineraria, dwarf growing, pkt., 25c; 5 pkts., $1.00.

Primula Sinensis Fimbriata, in separate colors:

	100.	1000.
Rose Splendens	25c	$1.75
Atrosanguinea, blood red	25c	1.75
Alba, purest white	25c	1.75
Coerulea (True Blue)	30c	2.00
All mixed	20c	1.50

Send for our estimate blank on all French and Dutch forcing bulbs, spiraea, azalea, fern balls. We can save you 10 per cent on early orders.
H. H. BERGER & CO.,
47 Barclay St., New York.

XXX seeds. Chinese primroses, large-flowering fringed, 15 varieties; single and double, mixed, 600 seeds, $1.00; half pkt., 50c. Pansy, the best of the mammoth-flowering varieties, mixed, 4,000 seeds, $1.00; half pkt., 50c. Cinerarias, large-flowering dwarf varieties, mixed, 1000 seeds, 50c. Primula obconica hybrida, grandest giant-flowering, mixed, 1000 seeds, 50c. John F. Rupp, Shiremanstown, Pa.

Wholesale price lists for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Spring seeds of all kinds ready now. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Wardwell Dwarf Kidney Wax Beans, $4.60 per bushel. Fred H. Burdett, Clifton, N. Y.

SMILAX.

Smilax, 2-in., $1.00 per 100; $10.00 per 1000. Cash. Jos. H. Cunningham, Delaware, Ohio.

Smilax, 2-in., $1.00 per 100; $7.50 per 1000. Good & Reese Co., Springfield, Ohio.

600 Smilax, 2-in., $2.00 per 100. Cash. J. N. Kidd, St. Joseph, Mo.

Smilax, 2¼-in., $1.50 per 100. Morris Floral Co., Morris, Ill.

SPIRÆA.

Spiraea Anthony Waterer, 2½-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

STEVIA.

Stevia, per 100; 2½-in., $2.50; rooted cuttings, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

Stevia var., rooted cuttings, $1.50 per 100. Cash. Greene & Underhill, Watertown, N. Y.

SWAINSONA.

Swainsona, white and pink, 2½-in., [illegible] per 100. Good & Reese Co., Springfield, Ohio.

VEGETABLE PLANTS.

Sweet potato plants: White [illegible] and white Bermuda, Jersey yellow and red, [illegible] per 1000; purple yam, $2.50 per 1000, [illegible] $4.00 per 1000. If wanted by mail add 15c per 100 plants. E. P. Hall, Shelbyville, Ky.

Cabbage—All Head, Wakefield, Winningstadt and Flat Dutch, $1.25 per 1000. Tomato—Champion, Aristocrat and Stone, $1.25 per 1000. Celery—Golden Selfblanching, $1.00 per 1000. W. D. Chase & Son, New London, Ohio.

Beauty tomato plants, 15c per 100, $1.25 per 1000. Jersey Wakefield cabbage, $1.00 per 1000; $8.00 per 10,000. Celery plants after June 10. Cash. Mrs. Griswold, Worthington, Ohio.

Cabbage. Express, Wakefield, Winningstadt, fine for planting out, $1.15 per 1000. Cash. Other plants soon. E. W. Byer, Chambersburg, Pa.

For cabbage, celery, egg, pepper, lettuce beet and tomato plants see our display adv. R. Vincent, Jr., & Son, White Marsh, Md.

Tomato plants—Beauty, Champion, Matchless, Perfection and Imperial, $1.50 per 100. Cash. Converse Greenhouses, Webster, Mass.

100,000 late cabbage plants. Flat Dutch, $2.00 per 1000. Morris Floral Co., Morris, Ill.

VERBENAS.

Mammoth verbenas, extra large plants from flats, coming in bud, 60c per 100 by mail; $4.00 per 1,000; 2½-in., in large bud, $1.25 per 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, rooted cuttings, 75c per 100; lemon verbena, $1.50 per 100; $12.50 per 1,000; 2¼-in., $2.00 per 100; $17.50 per 1,000. Cash. Greene & Underhill, Watertown, N. Y.

Verbenas, very best mammoth varieties, clean and healthy; 3-in. pots, $3.00 per 100. Cash with order. Joseph F. Smith, Burlington, N. J.

Mammoth varieties. Extra fine, coming in bud and bloom, $1.50 per 100; $13.00 per 1000. Cash, please. J. W. Miller, Hatton, Pa.

Verbenas, choice varieties in bud and bloom. Per 100: 3-in., $3.00; 2½-in., $2.00. J. L. Dillon, Bloomsburg, Pa.

Verbena, 20 grand varieties, strong 2¼-in., $1.00 per 100; $10.00 per 1000. Buckley Plant Co., Springfield, Ill.

Verbenas, best varieties from 2½-in., in bud and bloom, $2.00 per 100. J. Palmer Gordon, Ashland, Va.

Lemon verbenas, 2-in., $1.50 per 100. Good & Reese Co., Springfield, Ohio.

Verbenas, $2.00 per 100. W. H. Gullett & Sons, Lincoln, Ill.

Verbenas, strong plants, $2.00 per 100.
Brockman & Co., Fort Smith, Ark.

VINCAS.

Vinca, green trailing, Myrtle, $1.25 per 100; $10.00 per 1,000. Euonymus Japonica, green, 2½-in. pots, $2.50 per 100. For Privet see my ad under that heading. Cash with order. Atlantic Coast Nurseries, office 606 4th Ave., Asbury Park, N. J.

Vinca var. Vines 2 to 3 ft. long, $10.00 and $15.00 per 100. Good plants, but shorter vines, 2¼-in., $3.00; 3-in., $4.00; 3½-in., $6.00 per 100. Cash. Greene & Underhill, Watertown, N. Y.

Vinca variegata, strong and fine, extra plants, 2 and 2½-in., $2.50; 3-in., $6.00; 4-in., $12.00 per 100. Big bargain. Geo. M. Brinkerhoff, Springfield, Ill.

Vinca Major, var. and green, 2½-in., $3.00; 4-in., $6.00; 5-in., $10.00; 6-in., $15.00 per 100. Cash, please. W. Nelson, Box 1450, Paterson, N. J.

Vinca vines, green leaves, 2-in., $1.50 per 100 to close out. Cash. Jos. H. Cunningham, Delaware, Ohio.

Vincas. Strong vincas, 4-in., $10.00 per 100. Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Vinca variegata, 2½-in., $1.50 per 100; $12.50 per 1000. Good & Reese Co., Springfield, Ohio.

400 Vinca Major var., field-grown, in 4-in. pots, at $5.00 per 100. Russell Davis, Xenia, O.

Vinca major variegata, 4-in., very strong, $10.00 per 100. A. J. Baldwin, Newark, Ohio.

Vinca major variegata, 2½-in., $3.00 per 100. Nathan Smith & Son, Adrian, Mich.

Periwinkle, 2½-in., $3.00 per 100. Cash. Chas. Zimmer, West Collingswood, N. J.

Vinca, green and variegated, $3.00 per 100. James Frost, Greenville, Ohio.

Vinca var., 4-in., $12.00 per 100. Converse Greenhouses, Webster, Mass.

VIOLETS.

Healthy, well-rooted plants from sand of Lady Campbell now ready, 75c per 100; $5.00 per 1,000; 500 at 1,000 rates. Imperial, ready about May 15th, $1.00 per 100. These are young runners. Struck in sand, and not old plants divided. Will send only good stock. Chas. Black, Hightstown, N. J.

California violets, healthy, well rooted runners, 50c per 100, $3.50 per 1000, $25.00 per 10,000. Cash with order. W. A. Finger, Hicksville, L. I., N. Y.

Marie Louise, March struck. Fine plants ready June 1st, $10.00 per 1,000. Cash please. C. Lawritzen, Rhinebeck-on-Hudson, N. Y.

Marie Louise violet plants for June delivery. Strong, healthy stock. Price on application. C. G. Velie & Son, Marlboro, N. Y.

Rooted cuttings and pot plants of Imperial, Marie Louise, Farquhar and Lady Campbell. Crabb & Hunter, Grand Rapids, Mich.

Violets. Swanley White, Lady Hume Campbell and Hardy Russian, 2½-in., $2.00 per 100. Good & Reese Co., Springfield, Ohio.

Princess of Wales, extra strong plants from soil, $1.25 per 100; $10.00 per 1,000. Nathan Smith & Son, Adrian, Mich.

Rooted runners of Marie Louise violets, from soil, 60c per 100, $5.00 per 1000. Cash with order. J. Duerr, Geneva, Ill.

Violets. Princess of Wales, rooted runners, 50c per 100. Cash. A. K. Fairchild, Whippany, N. J.

MISCELLANEOUS.

Miscellaneous plants. Per 100. Clerodendron Balfouri, 2½-in., $2.00, Impatiens Sultani, 2½-in., $2.50, Oxalis Ortgiesii, upright variety, fine for baskets, 2½-in., $2.50; Phrynium variegata, fine for foliage plant, 2½-in., $2.50; Pomegranates, 3 varieties, all double, 2½-in., $1.50; Plumbago Sanguinea, pink flowering variety, 2½-in., $3.00; Stephanotis floribunda, 2½-in., $3.00. Good & Reese Co., Springfield, Ohio.

Cigar plants, Sedum variegatum and California moss, in 2½-in., $1.25 per 100. California ice plant, 2½-in., $5.00 per 100; 25 at 100 rate. Cash. Morris Floral Co., Morris, Ill.

Isolepis gracilis, 2¼-in., $2.50 per 100. Phalaris variegata, 2¼-in., $3.00 per 100. Nathan Smith & Son, Adrian, Mich.

Pilea (artillery plant), $2.60 per 100. Cuphea (cigar plants), $2.00 per 100. C. L. Reese, Springfield, Ohio.

Cuphea and Artillery plants, 2-in., $2.00 per 100. Geo. M. Brinkerhoff, Springfield, Ill.

TO EXCHANGE.

To Exchange—A fine, bushy, well-budded double pink oleander, 8 ft. high, 7 ft. spread, to exchange for Daybreak carnation rooted cuttings. Plant is worth $10.00, but will exchange for 500 rooted cuttings Daybreak carnation. H. S. Baker, Warsaw, N. Y.

To Exchange—Will exchange plants listed by me in this week's Review, also Rex and blooming begonias, mixed, for a few Perles, Brides and Maids, carnation rooted cuttings, hardy plants or other plants I am in need of. N. O. Caswell, Delavan, Ill.

To Exchange—Alternanthera, red and yellow, strong plants and fine rooted cuttings, for carnations, dahlias, rudbeckia or glass. Rose Hill Greenhouses, Columbia, S. C.

WANTED.

Wanted—5000 2-in. smilax plants. Write lowest cash price to Bassett & Washburn, 76 Wabash Ave., Chicago.

CUT FLOWER BOXES.

Star Florists' Boxes. Edwards & Docker, Mfrs., 16 and 18 N. Fifth St., Philadelphia, Pa.

Florists' Boxes. The J. W. Sefton Mfg. Co., 241-247 S. Jefferson St., Chicago.

H. Schultz & Co., 117-123 Market St., Chicago.

DECORATIVE MATERIAL

Dagger ferns for Memorial Day. Our new crop of Dagger ferns is now ready and is of a No. 1 quality; $1.50 per 1000. Discount on large order. Order early. Also a full line of hardy ferns, moss, bouquet green, laurel festooning, etc. H. M. Robinson & Co., 36 Court Sq., Boston, Mass.

Carter's new crop ferns are ready for market. Dagger ferns, carefully selected, neatly packed, $1.00 per 1000. Fancy ferns, carefully selected, neatly packed, $1.25 per 1000. Write for prices on large quantities. Geo. M. Carter, Evergreen, Ala.

Dagger ferns, new crop now ready, $1.50 per 1,000; discount on large orders. Princess Pine, $5.00 per 100 lbs. Laurel festooning, 4, 5 and 6c per yd. Laurel and pine wreaths, etc. Crowl Fern Co., Millington, Mass.

DECORATIVE Continued.

New crop fancy and Dagger ferns. Book orders now and insure a supply for Decoration Day. Price, $1.50 per 1,000; special price on large quantities. Caldwell The Woodsman Co., Evergreen, Ala.

Seminole specialties. Fresh green palm leaves, crowns and buds, needle pines, southern moss. Lowest prices; most liberal terms. Seminole Palm Co., Davenport, Fla.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

Pure pulverized sheep manura and fine bone flour. Samples and price mailed on application. J. L. Elliott, 645 Canal St., Bethlehem, Pa.

FLORISTS' LETTERS.

W. C. Krick, 1237 Broadway, Brooklyn, N. Y.

Fred Paul, 632 Race St., Philadelphia, Pa.

GALAX LEAVES.

Galax leaves. For latest prices bronze and green Galax leaves, and Leucothoe sprays, address the introducer,

Harlan P. Kelsey,
110E Tremont Bldg.,
Boston, Mass.

Galax leaves, bronze and green, 75c per 1,000 here; in lots of 5,000 or more, $1.00 per 1,000 delivered to any part of U. S. Crowl Fern Co., Millington, Mass.

Bronze and green galax leaves. Write for prices on large quantities. H. M. Robinson & Co., 32-36 Court Sq., Boston, Mass.

Bronze galax leaves, $1.50 per 1,000 delivered. Fifty leaves mailed for 10c. American Rose Co., Washington, D. C.

GARDEN TOOLS.

Parlin & Orendorff Co., Canton, Ill.

GLASS, ETC.

We make special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Importers and jobbers of greenhouse glass. Wheeler-Stenzel Co., 73 Sudbury St., Boston, Mass.

Send for Lucas on Glass. Four pamphlets tell all about it.
John Lucas & Co., Philadelphia, Pa.

Greenhouse glass. Benjamin H. Sloemaker, 205 to 211 North Fourth St., Philadelphia, Pa.

Greenhouse glass a specialty. Sprague, Smith Co., 207-209 Randolph St., Chicago.

Independent of all trusts. Reed Glass & Paint Co., 456 W. Broadway, New York.

HOSE.

"White Anchor," "Akron," "Triton" and "Whirlpool" hose made only by The B. F. GOODRICH CO., 141 Lake St., CHICAGO.

Bull Dog Garden Hose is made by Boston Woven Hose & Rubber Co., Cheltea & Boston.

Good Hose. J.G.&A.Esler, Saddle River,N.J.

Penn Rubber Co., 608 Arch St., Phila., Pa.

INSECTICIDES.

Nikoteen. Does not injure the most sensitive plants. Endorsed by prominent florists. Used for fumigation or spraying. Indoors or out. 200 lbs. of tobacco in one pint of Nikoteen. Sold by seedsmen. Circular free.
Skabcura Dip Co., Chicago.

If you want healthy plants, fumigate with Nicoticide. Tobacco Warehousing and Trading Co., 1902 Magnolia Ave., Louisville, Ky.

Rose leaf extract of tobacco will save you money. For free booklet write Kentucky Tobacco Product Co., Louisville, Ky.

LAWN MOWERS.

Coldwell Lawn Mower Co., Newburgh, N. Y.

Clipper Lawn Mower Co., Norristown, Pa.

POTS.

Standard Pots. We are now ready to supply a superior quality of pots in unlimited quantities. Catalogues and price lists furnished on application.
A. H. Hews & Co., North Cambridge, Mass.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts., N. E., Washington, D. C.

The Whildin Pottery Co., incorporated, manufacturers of flower pots, Philadelphia, Long Island City, N. Y., Jersey City, N. J.

Flower Pots. Before buying write us for prices. Geo. Keller & Son, 261-263 Herndon St. (near Wrightwood Ave.) Chicago.

Red Standard Pots, wide bottoms, well burned and porous. Reduced prices.
Harrison Pottery, Harrison, Ohio.

Standard flower pots. For price list address W. H. Elverson Pottery Co., New Brighton, Pa.

Columbia plant tubs. Invalid Appliance Co., 150-160 Vedder St., Chicago.

Red pots. Jacobs & Landis, Coleaburg, Ia.

PRINTING.

J. Horace McFarland Co., Specialists in Horticultural Printing, Harrisburg, Pa.

REFRIGERATORS.

Send for illustrated catalogue and price list showing Florists' Refrigeratora, Pumps, Hose, Sprayers, Tools, etc.
ORR & LOCKETT HARDWARE CO., 71 and 73 Randolph St., Chicago.

SPHAGNUM MOSS.

L. B. Brague, Hinsdale, Mass.

G. W. Lyons, Babcock, Wis.

WIRE SUPPORTS.

Stemming wire, cut, in boxes; size 20 to 24, 75c per box.
Galv. rose stakes and Excelsior carnation supports. H. F. Littlefield, Worcester, Mass.

WIRE WORK.

C. A. Kuehn, 1122 Pine St., St. Louis, Mo., Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue.

We are the largest manufacturers of wire work in the west. McKellar & Winterson, 45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York, Manufacturers of Wire Designs.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

IT PAYS.

Some one has suggested that "with customary American extravagance, home gardening is approaching a luxury the world has never known before." Magazine editors, keen judges of public interest, have sought out a splendid array of lavishly illustrated articles on gardening, outdoor topics, and home decoration, both exterior and interior.

The widespread growth of interest in the movement for town and neighborhood improvement has been one of the notable developments of the last decade, and public beauty will doubtless be the dominating idea of the twentieth century. Many of our social problems are in large degree questions of environment, and hence the attainment of more salutary conditions in this connection will greatly simplify their solution.

The National League of Improvement Associations was formed to meet the growing general demand for information concerning organized effort for the promotion of home beautifying. Its history has been marked by a nation-wide increase of interest in public beauty and by an unprecedentedly large business on the part of those who have for sale that which will assist in making America "the most beautiful country in the world."

Organized purely as an educational movement the League has proved a decidedly successful business "boomer." Already special campaigning in a given city has resulted in the sale of the entire stock of every local florist. The League plans, agitates and organizes. It unites newspapers, school people and influential citizens in a way that awakens interest in every home. This interest causes a demand for plants, seeds, bulbs and supplies.

To the "trade" the League is an investment, not a charity, and a proposition to support it is purely a business matter. An organization formed for similar purposes among manufacturers is largely supported by prominent firms whose efforts are thus brought to the attention of an interested public. The suggestion, then, is offered to the readers that in common with some hundreds of seedsmen, florists, nurserymen and supply dealers, they unite in sending subscriptions toward the financial support of the League. Without doubt these amounts may, if need be, be made payable in two installments.

Acting as your agent the League invests in a national campaign of education and agitation. To this end the League prepares booklet, magazine and leaflet issues; provides lectures and lantern slides for towns and assemblies; secures the organization of local leagues, and the enlistment of commercial bodies and public spirited citizens. This varied effort results in hundreds of press articles, scores of meetings and lectures, and dozens of active societies, all working together to create new demands for your stock. "It pays," one business man says.

Expended by the League in this fashion your money nets several hundred per cent more of profitable publicity than you can secure by any direct method. Every dollar invested increases the dividends of every dollar put in. Hence it is to the advantage of all concerned to have the co-operation of the entire trade in your city. Will you not urge them to join with you? Now is the seed time for the early harvest.

E. G. Routzahn, Sec'y.
Springfield, O.

THE BEST.

We consider the Review the best advertising medium and the newsiest paper published for the trade.—Geo. M. Kellogg, Pleasant Hill, Mo.

Helena, Mont.—S. K. Gibbs has leased the Wells Conservatories for five years, taking possession March 1 last. There are six houses, averaging 14x60, and several will be devoted to roses and carnations for cut flowers.

ONE DOLLAR will bring the Review to you every week for a year. Fifty-two numbers—less than 2 cents a week.

IF YOU don't find what you want in our classified advs. let us know about it. We will find it for you if it is to be had.

THE Review's classified advs. are a great convenience, is the verdict of the buyers. "It is so easy to find what you want."

If you don't find what you want in our classified advs. let us know and we will ascertain for you where you may get it.

If you want a position and you are a subscriber to the Review you can have a 35 word want adv. free one week. Extra insertions at the rate of 1 cent a word.

"IF IN DOUBT," consult the Florists' Manual, by Wm. Scott. It covers the whole field of commercial floriculture and you can quickly find in it the experience of a practical man bearing upon the doubtful point.

CLEARANCE SALE.

Asparagus Plumosus Nanus.

FIRST COME-FIRST SERVED

All stock from 2½-inch pots unless otherwise stated

	Per 100
Asparagus Plumosus Nanus, 3-in h, $27.50 per 1000	$3.00
Asparagus Sprengeri	2.50
Abutilon Striatum or Lemon Verbena, 3-in	4.00
Abutilons, 6 colors	1.50
Bougainvillea Sanderiana, 12 to 15 in high	5.00
Begonias, flowering, 10 choice sorts	2.50
Chrysanthemum Pet, Chapman	2.00
Cyclamen Pet, Giganteum	2.50
Calla Lily, Little Gem, Dwarf Calla	2.00
Coleus, fine assortment	2.00
Fuchsias, nice young plants, 4-inch	3.00
Geraniums, mostly double varieties	2.50
Impatiens Sultani	2.50
Jasmine Grand Duke	3.00
Jasmine Maid of Orleans	2.50
Dracaena Indivisa	1.50
Oxalis Ortgiesii, upright variety, fine for baskets	2.50
Palms, Corypha Australis	3.00
Palms, Phoenix Canariensis	2.00
Primula Obconica	1.50
Primula Forbesii, Baby Primrose	1.50
Primula Chinese, white and pink	2.50
Phrynium Variegata, fine foliage plant	2.50
Pomegranates, 3 varieties, all double	1.50
Plumbago Sanguinea, pink flowering variety	3.00
Spirea Anthony Waterer	1.50
Smilax, 2-inch, $7.50 per 1000	1.00
Stephanotis Floribunda	3.00
Swainsona, white and pink	2.50
Vinca Variegata, $12.50 per 1000	1.50
Violets, Swanley White, Lady Hume Campbell and Marie Russian	2.00

You had better order these quick.

We will here say for the information of all that we are entirely sold out of roses of all varieties.

THE GOOD & REESE CO.,

THE LARGEST ROSE GROWERS IN THE WORLD. SPRINGFIELD, OHIO.

Mention The Review when you write.

THE ROSE.

(From "Hassan Ben Khaled")

Then took the generous host
A basket filled with roses. Every guest
Cried, "Give me roses!" and he thus addressed
His words to all: "He who exalts them most
In song, he only shall the roses wear."
Then sang a guest: "The rose's cheeks are fair;
It crowns the purple bowl, and no one knows
If the rose colors it, or it the rose."
And sang another: "Crimson is its hue,
And on its breast the morning's crystal dew
Is changed to rubies." Then a third replied:
"It blushes in the sun's enamored sight,
As a young virgin on her wedding night,
When from her face the bridegroom lifts the veil."
When all had sung their songs, I, Hassan, tried,
"The rose," I sang, "is either red or pale,
Like maidens whom the flame of passion burns,
And love or jealousy controls, by turns.
Its buds are lips preparing for a kiss;
Its open flowers are like the blush of bliss
On lovers' cheeks; the thorns its armor are,
And in its center shines a golden star,
As on a favorite's cheek a sequin glows;—
And thus the garden's favorite is the rose."
The master from his open basket shook
The roses on my head.

BAYARD TAYLOR.

LOUISVILLE, KY.

A local daily prints a picture of a proposed floral arch for the Templars' Conclave that will be quite remarkable if the idea can be carried out. Here is part of the description:

Flowers and plants will play the principal parts in the make-up of the arch. Not an inch of wood or metal, beyond the figures of the horses and knights at each of the four corners, will be seen. The distance from the center of the street intersection to the top of the dome will be forty feet. Rising from the dome a "prismatic" fountain will throw a spray of water fifteen feet into the air. Four columns rising from the corners of the sidewalks will start from bases eight by eight feet in dimensions. It will take 5,000 plants to decorate the arch and 1,000 incandescent lamps to illuminate it.

"The entire background for the surface of the arch will be in green," said Mr. Bolton, "and it is interesting to know how this surface is made. A month or six weeks before the conclave I would select a level lot and make it clean as a floor. Over this I would lay squares of wire mesh, cut about two feet by two. A coating of earth and manure to the depth of an inch or more will be sprinkled over the wire square and on this grass or plant seeds will be sown. Then another thin coating of earth is added and the seeds are left to sprout. By careful watering the grass or small plants grow rapidly. Roots shoot down quickly and wind around the wires in the mesh and in a short time the entire square is in condition to be lifted and carried about at will.

"These squares will be pegged or nailed to the wood work of the arch and there you have your surface of green. The crosses, crowns and panels of the arch will be made in growing plants and flowers. These will be attached to the structure by hooks surrounding each pot and fastened to the wood work. Copings to the piers and friezes to the arches will likewise be formed in rows of flowers and plants. The dome of the arch will probably be made out of a bed of palms.

"The 'prismatic' fountain will be one of the wonders of the arch. This is a good deal on the order of the 'electric fountain.' The water will be thrown to a height of fully fifteen feet. At night the fountain will naturally present the finest appearance. Vari-colored electric lights will be hidden beneath the dome with powerful reflectors behind them casting rays of light into the water overhead."

RosePlants

GOOD, HEALTHY STOCK.

Kaiserin Augusta Victoria,

3-inch..... **$4.00** per 100; **$35.00** per 1000.
2-inch..... **3.00** per 100; **25.00** per 1000.

Cash with order.

Martin A. Magnuson,

3309 N. Western Ave., CHICAGO, ILL.

Mention THE REVIEW when you write.

FANCY PANSIES.

Mr. H. W. Buckbee, Rockford, Ill., sends us a basket of pansy plants in bloom. The colors and markings are excellent and indicate that Mr. Buckbee has a fine strain of pansies.

HARTFORD, CONN.—The state has made an appropriation of $500 to be expended by the Horticultural Society for a display at the Pan-American Exposition.

CHENEYVILLE, LA.—The Bayou Boeuf Ladies' Floral Association recently held a very successful exhibition of plants and flowers.

SAMUEL S. PENNOCK.

Wholesale Florist

Until June 22d will be open from 7:30 a. m. to 8:00 p. m.

American Beauties and Valley Our Specialties. 1612-14-16-18 Ludlow St., Philadelphia, Pa.

Mention The Review when you write.

SPRINGFIELD, MASS.

There is very little special decorating done here on Decoration Day. The Grand Army posts take care of the soldiers' graves with flowers and wreaths which they make themselves.

The principal decoration that we do is for the militia, for their past officers, who have gone, for which we make up large showy designs each year. They have no special design, varying them each year. Outside of that our trade runs mostly to simple basket work and loose cut flowers, except in a very few cases when we have had to make huge bunches to cover the entire grave; these have been made sometimes of large hydrangea blooms, others have been made of lilies, some roses, etc., but usually of the larger and more effective flowers. M. A.

RICHMOND, VA.

Decoration Day is not what it was formerly to the florists here. In times past they worked all the preceding night and it was looked forward to. Now it comes and goes and leaves no impression on the bank accounts, except with one or two of the largest plant growers. They do the most trade and Decoration Day about cleans up the "soft stuff," as they term it. Oakwood memorial has come and gone and it is doubtful if as much as $300 was spent with florists. May 30 is the next and biggest day. The florists hope it may be an improvement over past years, but from a cut flower standpoint it cuts little figure. O.

Atlanta, Ga.—John A. Lambert, who organized the Lambert Floral Co. last October and who withdrew from that concern last January, has re-established himself in the business at 60 Cherokee street, and is completing a range of 6,500 square feet of glass. Beginning June 1 the business will be conducted by Lambert Bros., John A. and Wm. J. Lambert, proprietors. Mr. Lambert is now engaged in securing an injunction to prevent the old concern from using his name in its title.

Shiremanstown, Pa.—John F. Rupp is arranging to attend the Buffalo convention and will be accompanied by his wife and son.

In "The Land of Sunshine" for April there appears an interesting illustrated article on bulb growing in California by Charles Howard Shinn.

Highbridge, N. Y.—The body of 12-year-old Willie McCormick, son of W. G. McCormick, who disappeared from his home six weeks ago, was discovered May 11 floating in a creek.

Chattanooga, Tenn.—The flower parade on May 7 was a brilliant success, many of the floats being of remarkable beauty.

You will find all the best offers all the time in our classified advs.

PITTSBURG CUT FLOWER CO., Ltd.

WHOLESALE FLORISTS.

Long Distance 'Phone 2157. CONSIGNMENTS SOLICITED. No. 504 Liberty St.,

FLORISTS' SUPPLIES. Write for Price List. PITTSBURG, PA.

Mention The Review when you write.

DREER'S PRIZE PRIMULAS

For best results these should be sown at once. Our strain is unexcelled for size, texture and freedom of bloom.

Alba Magnifica, the finest white.
Alba, the standard pure white.
Rubra, a good dark red.
Kermesina Splendens, rich crimson.
Cheswick Red, brightest red.
Holborn Blue, blue.
Rosy Morn, rosy pink.
Punctata Elegantissima, spotted.
Robusta Grandiflora, mixed, a very strong growing type.
Fern Leaved, mixed.
Dreer's Choicest Mixture, made up out of the finest named sorts.

Price, any of the above, $1.00 per trade packet; 60c per ½ trade packet. A trade packet contains from 500 to 1000 seeds, according to variety.

HENRY A. DREER, 714 Chestnut St., PHILADELPHIA, PA.

Mention THE REVIEW when you write.

Grafted Roses.

LIBERTY, $18.00 per 100. BRIDESMAIDS, BRIDES, GOLDEN GATES, $12.00 per 100.

Choice plants, 3-in. pots, ready for immediate planting. Ten sample plants (to florists only) for $1.00.

Verbenas

Choice varieties in bud and bloom. 3-in. pots, $3 per 100; 2½-in. pots, $2 per 100.

J. L. DILLON, Bloomsburg, Pa.

Mention THE REVIEW when you write.

Hardy Herbaceous Plants.

Strong Field-Grown Clumps. Aquilegia, Digitalis, Alyssum Saxatile Compactum, Coreopsis Lanceolata Gaillardia Grandiflora, Gypsophilia Paniculata, Hibiscus Crimson Eye, Rudbeckia Golden Glow, Arabis Alpina, Lathyrus Latifolius. $5.00 per 100. **Primula Veris and Aquilegia Chrysantha,** 2½-in., $2.00 per 100. Ready soon—Hardy Phlox, choice named sorts; Hardy Pompon Chrysanthemums, 10 8 fine sorts; rooted cuttings, $1.25 per 100, postpaid; 2½-in. $2.00 per 100. Cash with order please. **CHARLES S. DUTTON, 85 W. 12th St., Holland, Mich.**

Mention The Review when you write.

PANSIES Worth Raising...

SMALL PLANTS ALL SOLD.

CHR. SOLTAU,

199 Grant Avenue, Jersey City, N. J.

NEW CROP DAGGER FERNS

For Memorial Day.

$1.50 per 1000. Discount on large orders.

We would respectfully inform the trade that our new crop Dagger Ferns are now ready and are A No.1 quality. Be sure and order them early to avoid disappointment.

We carry a full assortment of Florists' Hardy Supplies, as follows: Galax, Leucothoe Sprays, Hardy Ferns, Moss, Bouquet Green, Laurel Festooning, Bundle Laurel, etc.

Trusting we shall receive your orders, we remain, Yours very truly,

HENRY M. ROBINSON & CO.
36 Court Sq., Boston, Mass.

Mention The Review when you write.

3,000 ENGLISH IVY.

WHO WANTS SOME OF THEM?

4-inch pots, 4 to 5 feet long, strong, at $10.00 per 100
25,000 rooted cuttings of same, from flats, $1.50 per 100
Periwinkle, 2½-inch pots, $5.00 per 100.
Best Pansy in market, $2.00 per 100.
Remember me for coming Chrysanthemum planting. Largest and greatest variety. Cash with order please.

CHAS. ZIMMER, . West Collingswood, N. J.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers

Nephrolepis Wittboldii

AT the left is a plant of N. Wittboldii lifted from the bench. After being photographed 40 runners were taken from this plant and potted up. It is even more prolific than the well-known Boston fern. It has not only greatly added beauty and grace but possesses every characteristic necessary to make it a money maker for the small as well as large grower. It produces with remarkable freedom, grows quickly into a fine specimen and as a house plant is fully as tough and lasting as N. Bostoniensis.

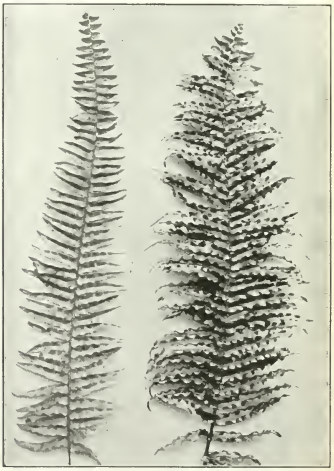
YOU NEED IT IN YOUR BUSINESS.

REMEMBER we are not sending out weak, puny plants, but Strong Vigorous Stock that will immediately produce runners if planted out in bench.

We are offering fine plants, ready for 3 and 4-inch pots at **$1.00 each, $10.00 per doz., $75.00 per 100.** The demand will be immense next year and you ought to have a stock ready.

SEND IN YOUR ORDER NOW.

See our offers of PALMS, FERNS, ASPARAGUS, CYCAS AND IVIES in Classified Advs. in this issue of the Review.



Frond of N. Bostoniensis Frond of N. Wittboldii.

The Geo. Wittbold Co.

1657 BUCKINGHAM PLACE.... **CHICAGO, ILL.**

FERNS! FERNS! FERNS!

New Crop Fancy and Dagger Ferns, Begin moving May 15. Book orders now and insure a supply for Decoration Day. Price $1.50 per 1000. Special quotations on large quantities.

May 1st sees close of shipping season for Southern Wild Smilax. We resume again September 1st. Thanking you very much for past favors, and soliciting a continuance of your valued patronage, we are respectfully,

CALDWELL THE WOODSMAN CO., - - - EVERGREEN, ALA.

Mention The Review when you write.

BUFFALO HOTELS.

The Buffalo Florists' Club have undertaken to arrange for the accommodation of all visitors who expect to attend the convention of the S. A. F. in Buffalo.

While it is true that hotel rates will be higher than usual, there are any number of apartment houses that have been fitted out for the accommodation of Pan-American visitors; also private houses in the residence portion of the city, where rooms can be had for $1 and up for each person, and in many breakfast will be served if desired, while other places will give all meals, the latter not so plentiful.

The hotel committee have a list of houses and hotels with the rates, and any person or persons wishing to engage rooms can have same secured in advance by addressing the chairman of the committee, W. A. Adams, 479 Main street, Buffalo, N. Y., stating whether they want accommodations at hotel, apartment or private house, with or without breakfast, and the number of persons desiring accommodations together. It will be necessary to inform the committee early, as they have the refusal of several apartments for the week, where from one hundred to one hundred and fifty can be accommodated in one place.

It will be unnecessary to communicate with W. J. Stewart, secretary of the S. A. F., as the executive committee look to the Buffalo Club to accommodate the visitors, which the hotel committee are willing to do, providing they are notified in time.

Street car facilities are excellent, the restaurants plentiful and rates reasonable. No one will be overcharged at any place, and with the above desirable apartments and private houses every one will be taken care of if they notify the committee in time.

THE COMMITTEE.

CHICAGO TO BUFFALO.

The Chicago Florists' Club has instructed the committee appointed to arrange for transportation to the convention of the Society of American Florists at Buffalo next August, to issue an announcement to the members and the trade in general that it hopes to secure especially advantageous terms and accommodations this year and that the larger the party the better the chances of securing the greatest consideration from the transportation lines.

The annual convention of the S. A. F. and the Pan-American Exposition combined will no doubt prove a great drawing card and the attendance will unquestionably be large.

If it could be known definitely in advance just about how many will compose the party from Chicago, so the committee could name an approximate number with some degree of certainty, it would materially strengthen them in their efforts to secure the largest possible concessions.

Will you therefore notify the committee—

First—Whether you are reasonably certain of attending the convention and intend traveling with the club's special party?

Second—Whether you hope to join the party but are uncertain of being able to do so?

Third—Whether you have made up your mind that you cannot attend this year?

Please address reply to any one of the committee as below.

G. L. GRANT,
334 Dearborn Street.
P. J. HAUSWIRTH,
223 Michigan Avenue.
E. F. WINTERSON,
45 Wabash Avenue.

Chicago, May 3, 1901.

CLEANED HIM OUT.

Please discontinue my adv. under head of Geraniums until further notice. Wish I had stock to supply the demand. Will send you copy for more advs. soon.—S. W. PIKE, St. Charles, Ill.

"JUST THE PAPER."

The REVIEW is just the paper that a common, working, every-day florist needs and appreciates.—W. H. CULP, Wichita, Kans.

THE easiest way for the man who buys is the cheapest way to advertise. THE REVIEW'S classified advs.

Seasonable Stock.

.....GERANIUMS.....

We have the following varieties in 2¼-inch pots at $3.00 per 100, and in 3-inch pots at $5.00 per 100:—Due de Montenart, S. A. Nutt, Marvel, Wm. Pfitzer, La Favorite, Mme. Bruant, Dr. Despres, Caesar, Pierre Le Brun, La Fayette, Kleber and Richelieu. The following in 2-inch pots only:—Mars, Countess de Castries and Mme. Jaulin. The following in 3-inch pots only:—M. A. Boric Aine, M. Alph. Ricard, Mme. Buchner, Sam Sloan and M. Canovas.

MARS, from 2¼-inch pots, $4.00 per 100. **AMERICA,** from 2¼-inch pots, $8.00 per 100.

Chrysanthemums. Fine stock of the following varieties from 2¼-inch pots at $3.00 per 100:—Polly Rose, Mrs. J. Jones, M. de Montmorte, Glory of Pacific, Maj. Bonnaffon, Ivory, Pink Ivory, Harry A. Parr, Mrs. S. T. Murdock and Nagoya.

Cannas. Well established plants from 3-in. pots, $6.00 per 100. Sonv, de Mme. Crozy, Directeur Roelz, Pierson's Premier, Ex. Campbell, Robusta, Florence Vaughan, Queen Charlotte, Egandale, A. Bouvier, Chas. Henderson, Burbank, Beaute Poitevine and Crimson Bedder.

Allemania, $8.00 per 100. **Black Prince,** $10.00 per 100. **Carex Jap. Variegata,** 2¼-inch pots, $5.00 per 100. **Lobelia,** 2¼-in. pots, $2.50 per 100. **Cyperus Alternifolius,** 2¼-in. pots, $2.50 per 100. **Vinca Major Variegata,** 2¼-in. pots, $3.00 per 100. **Anemone, Queen Charlotte,** $8.00 per 100. **Rudbeckia, Golden Glow,** 2¼-in. pots, $2.50 per 100. **Isolepis Gracilis,** 2¼-in. pots, $2.50 per 100. **Phlaris Variegata,** 2¼-in. pots, $3.00 per 100. **Princess of Wales Violet,** extra strong plants from soil, $1.25 per 100; $10.00 per 1000.

NATHAN SMITH & SON, -- ADRIAN, MICH.

Mention The Review when you write.

NORWAY MAPLES,

3 to 4 Inches Caliper, 14 to 15 Feet in Height.

We have a fine block of 2,000 trees that have been grown 6 feet apart, perfect specimens with good heads and perfectly straight trunks.

ANDORRA NURSERIES, WILLIAM WARNER HARPER, PROP., CHESTNUT HILL, PHILA., PA.

Mention THE REVIEW when you write

Burpee's Seeds Grow

25,000 Vinca Var.

Look on page 834, Florists' Review, issue of May 16, 1901.

GREENE & UNDERHILL, WATERTOWN, N. Y.

BEDDING STOCK.

Geraniums—Single and Double Grant, S. A. Nutt, E. G. Hill, 2¼-in., $2.50; 3-in., $5.00; 3½-in., $4.00; 4-in., $8.00 per 100. Mammoth Verbenas, strong healthy plants, 2½-in., $2.00 per 100. Lobella, dwf. and trailing, 2½-in., $2.00 per 100. Sweet Alyssum, in bloom, 2-in., $1.50 per 100. French Cannas, in varieties, well started in soil, with bunch of roots, ready to set out, $5.00 per 100; mixture of the best varieties, $3.00 per 100. Ivies, from pots, 4 to 6 ft., with 2 to 4 branches, $1.50 per doz.; $12.00 per 100. Cash with order please.

JAS. AMBACHER, Long Branch, N. J.

Mention THE REVIEW when you write.

THE E. G. HILL CO.

Wholesale Florists,

RICHMOND, INDIANA.

Mention The Review when you write.

...VIOLETS...

Orders booked now for Rooted Cuttings and Pot Plants of Imperial, Marie Louise, Farquhar, and Lady Campbell.

10,000 Crane, White Cloud and Flora Hill, from soil, at a bargain. Write for catalogue.

CRABB & HUNTER, Grand Rapids Mich.

Mention The Review when you write

Mammoth Verbenas.

Extra large plants from flats coming in bud, 60c per 100 by mail, $4.00 per 1000. Verbenas, 2¼-inch, in large bud, $1.25 per 100.

Geraniums, fine stock plants well budded or in bloom, Red Bruant and Double Grant, 4-inch, $5.00 per 100. S. A. Nutt and La Favorite, $6.00 per 100. **Ageratum** Blue Beauty in bud, from flats, $1.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave., UTICA, N. Y.

Mention THE REVIEW when you write.

Surplus

SEND FOR OUR SURPLUS LIST OF.....

ROSES and GREENHOUSE STOCK.

PHOENIX NURSERY CO.,

P. O. Box 625. BLOOMINGTON, ILL.

Mention The Review when you write.

CARNATIONS!

THREE GOOD PINKS.

Ethel Crocker. Genevieve Lord, Mrs. Bertram Lippincott, $2.50 per 100.

HARDY PHLOX

Mixed sorts, as fine an assortment as ever grew but sold cheap on account of being mixed, from 3 and 4-inch pots at $5.00 per 100 and rooted cuttings at $1.25 per 100 or $10.00 per 1000. I have some ten thousand of these growing now and ready for sale.

ALBERT M. HERR, - LANCASTER, PA.

Mention THE REVIEW when you write.

Carnations.

NORWAY, EGYPT and GENEVIEVE LORD.

Other new and standard varieties.

Chrysanthemums.

TIMOTHY EATON, the biggest and most emotional white. Complete list of other new and standard varieties. Fine stock for immediate shipment. Send for price list.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

THE LARGEST FANCY CARNATION. **PROSPERITY.**

A few thousand ready for immediate delivery. All orders filled in strict rotation.

Prices for Rooted Cuttings—1 plant, 50 cents; 12 plants, $5.00; 25 plants, $8.25; 50 plants, $10.00 100 " 16.00; 250 " 37.50; 500 " 70.00 750 " 101.25; 1000 " 130.00.

Write for full description.

DAILLEDOUZE BROS., Flatbush, N. Y.

Mention THE REVIEW when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention THE REVIEW when you write.

ROSES. From 5-in. pots at 9c, fine clean plants. Clothilde Soupert, Gen. Jacqueminot, La France. Coquette des Blanches, Coquette des Alpes, etc., Queen of the Prairie, same size, at 8c.

CLEMATIS, finest purple, white and lavender sorts, 3-year, 30c; fine 2-year, dormant, or from 5-in. pots, 18c; fine 1-year at very moderate price.

CLEMATIS PANICULATA, strong plants, from 5-in. pots, 10c. Packing free for cash.

W. H. SALTER, - ROCHESTER, N. Y.

Mention The Review when you write.

Chrysanthemums, Roses, Marguerites, Stevias

We grow only good commercial varieties of chrysanthemums and can supply quantities with stock carefully and supervised all shipments personally and that satisfaction is guaranteed assured. Prices are fixed as low as good stock can be sold for, allowing a fair profit.

CHRYSANTHEMUMS.

WHITE.	R. C. 2½-in. Per 100	Per 1000
Fitzwygram	$1.50	$12.00
Independence	1.50	12.00
Bergmann	1.50	12.00
Kalb	1.50	12.00
Robinson	1.50	12.00
Ivory	1.50	12.00
Woodford	1.50	12.00
The Queen	1.50	12.00
Mayflower	1.50	12.00
Jerome Jones	1.50	12.00
Gretchen Buettner	1.50	12.00
Minnie Wanamaker	1.50	12.00
Chadwick	2.00	15.00
YELLOW.		
Yellow Fitzwygram	2.00	15.00
October Sunshine	2.00	15.00
Col. Appleton (new)	5.00	40.00

Yellow.	R. C. 2½-in. Per 100	Per 1000
Golden Trophy	$1.50	$12.00
Mrs. Whitelin	1.50	12.00
Modesto	1.50	12.00
Bonnaffon	1.50	12.00
Pennsylvania	2.50	20.00
Golden Wedding	3.00	25.00
Harry Hurrell	1.50	12.00
Rietmyer	1.50	12.00
Yellow Jones	1.50	12.00
Eclipse Yell. Chad		
wick	2.00	15.00
Yellow Mayflower	2.00	15.00
Yellow Queen	1.50	12.00
Perry Eddy	1.50	12.00
PINK.		
Marquis de Montmort	1.50	12.00

Pink.	R. C. 2½-in. Per 100	Per 1000
Glory of Pacific	$1.50	$12.00
Mabel Dean	1.50	12.00
Perrin	1.50	12.00
Vivland-Morel	1.50	12.00
Pres. Smith	1.50	12.00
Spaulding	1.50	12.00
Murdock	1.50	12.00
Autumn Glory	1.50	12.00
Pink Ivory	1.50	12.00
RED.		
Defender	1.50	12.00
Schrimpton	1.50	12.00
Childs	1.50	12.00
BRONZE.		
Lady Hanham	1.50	12.00
Chas. Davis	1.50	12.00

ROSES.

	2½-in. Per 100	Per 1000
Gates		$35.00
Maids	3.00	25.00
Brides	3.00	25.00
Meteors	3.00	25.00

MARGUERITES.

	Per 100
California White	Rooted Cuttings, $3.00 per 100
Giant Yellow	4.00
Common White	2.00

STEVIA.

BEAUTIES will be listed later. Rooted Cuttings, $1.50 per 100; 2½-in., $2.50 per 100

When less than 25 plants of a variety are ordered, add 20 per cent. 5 per cent discount will be allowed on orders from 500 to 1000 plants. 10 per cent discount will be allowed on orders for 1500 and over. Remittances must accompany orders from unknown parties. Goods will be sent C. O. D. if requested. All orders are filled as soon as stock is ready. Every order has our personal supervision and will be executed to the best of our ability. In every case when stock is shipped satisfaction is guaranteed, or money refunded.

RECORD—225,000 Sold during 1900 without a kick.
Have the stock to double the amount of sales.

POEHLMANN BROS. COMPANY, - - MORTON GROVE, ILL.

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Governor Roosevelt.

Descriptive Catalogue sent on request.

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Poinsettia Pulcherrima.

The Favorite Christmas Plant.

STRONG SPRING STRUCK PLANTS, from 2½-inch pots, $8.00 per hundred. Ready June 15th.

These will make the largest plants. Later propagated will be equally as useful. Poinsettia will not endure any disturbance of the roots when large, so start with small healthy plants.

WILLIAM SCOTT, MAIN and BALCOM STREETS, BUFFALO, N. Y.

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SOLD OUT.

Our stock of young Carnations is sold out. Place your order now for FIELD PLANTS for FALL DELIVERY.

All the best varieties.

GEO. HANCOCK & SON, Grand Haven, Mich.

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PELARGONIUMS

Good named varieties, 3-inch pots, $6.00 per 100.

CASH WITH ORDERS.

S. D. BRANT, Clay Center, Kan.

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Let Us Book Your Order Now for Memorial Day

CARTER'S NEW CROP FERNS are ready for market. Our crop is large and I can handle orders for any amount on short notice. Dagger Ferns, carefully selected, neatly packed, at $1.00 per 1000. Fancy Ferns, carefully selected, neatly packed, at $1.25 per 1000. Write for prices on large quantities.

GEO. M. CARTER, Evergreen, Ala.

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GRAND RAPIDS, MICH.

Various Items.

The unsettled condition of the weather is becoming very disheartening; not satisfied with being cold and raw, last Saturday it commenced to rain and is still raining, with rain predicted for tomorrow, Wednesday, a day set for a society outdoor lilac wedding. Peter Kunst who has the bedding plants, vases, etc., in charge has this part of the work completed, while Crabb & Hunter have the wedding decorations, and now it looks as if all things movable will have to come indoors.

The death of Edwin F. Uhl, ex-mayor, ex-ambassador to Italy, etc., furnished the occasion for a lavish use of flowers. The Floral Company had the family order, while every florist had a share of the designs and sprays, making this the largest floral funeral of the season.

Flowers are very plentiful, a few roses, seconds, even going to waste; but so far carnations have been pretty well cleaned up, and if this weather continues a few days longer there will be a scarcity for Decoration Day, as usual. Lilacs will be gone, as well as most flowering shrubs except snowballs and paeonies. Most of the florists have grown a few longiflorums for Decoration Day to help out, and it looks as though they will come in handy. Carnations are 35 cents per dozen; roses, $1; outside valley, 50 cents per doz.; longiflorums, $1.25 per doz.; lilacs, 25 cents per doz.; bulbs all gone.

James Schols is now improving rapidly and hopes to be able to be about in a few days.

Eli Cross has one of the finest crops of cucumbers ever seen in this section.

The wedding of the season was the Barstow-Phelps. Crabb & Hunter had both the church and the home decorations and they were the most elaborate ever seen in Grand Rapids.

Our visitors this week were Mr. Minnie, of Eaton Rapids, Mich., and the Knapp Bros., of St. Johns, Mich.

G. F. C.

MILWAUKEE.

Business was unusually quiet when it should have been brisk, considering the quantity of stock on the market. Sales were slow and it was difficult to obtain respectable prices, even on fine stock, probably due to the immense variety of stock on hand and the large percentage of seconds and culls. Country buyers must also have their crops on, for shipping business is somewhat unsteady. Carnations went anywhere from 50 cents to $2 per 100, but good stock lingered around the $1 mark most of the week. Roses ranged from $1 to $6 per 100, but only extra select brought top price. White stock was the weakest on the market, calls being for colored mostly. Decoration Day trade will retrieve the present state, as advance orders are coming in lively.

C. C. P.

ROSE PLANTS and Carnation Cuttings.

This stock is in fine condition and is sure to give satisfaction.

ROSE PLANTS from 2½-inch pots.

	100	1000		100	1000		100	1000
Liberty,	**$10.00**	**$80.00**	**Bridesmaid,**	**$2.75**	**$25.00**	**Meteor,**	**$2.75**	**$25.00**
Beauty,	**6.00**	**55.00**	**Bride,**	**2.75**	**25.00**	**Golden Gate,**	**2.75**	**25.00**

Perle, $2.75 per 100; **$25.00** per 1000. **Kaiserin, $2.75** per 100; **$25.00** per 1000

ROSE PLANTS from 3-inch pots.

Beauty, $8 00 per 100; **$75.00** per 1000.

Meteor, Bridesmaid, Bride, Golden Gate, $4.00 per 100; **$35.00** per 1000.

CARNATION ROOTED CUTTINGS.

	100	1000		100	1000
Guardian Angel	$4.00	$35.00	Argyle	$1.00	$9.00
Marquis	3.00	25.00	Evanston	1.00	9.00
Genevieve Lord	3.00	25.00	Frances Joost	1.00	9.00
Crocker	2.50	20.00	Cerise Queen	1.00	9.00
Crane	3.00	25.00	Gov. Griggs	1.00	9.00
Mrs. Bradt	2.00	15.50	White Cloud	1.25	10.00
John Young	1.50	12.50			

All stock sold under the condition that if not satisfactory it is to be returned immediately, when money will be refunded.

PETER REINBERG, 51 Wabash Ave., **Chicago, Ill.**

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ONLY A FEW THOUSAND LEFT.

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METEOR Rose Plants, 2-in., $20 per 1000; 3-in., $30 per 1000

Brides, Maids, Perles and Gates,
2-inch, $25 per 1000.

J. A. BUDLONG, 37-39 Randolph St., CHICAGO, ILL.

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American Beauties...

From 3-in. pots, $9 per 100; $80 per 1000. **JOSEPH HEACOCK,** Wyncote, Pa.

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GERANIUMS!! GERANIUMS!!

Special Offer for Decoration Day.

Best Red, Pink and Salmon, in 4-inch, $7.00; 3½-inch, $6.00; 3-inch, $4.50.

Fine sturdy stock, 4-inch stock is splendid stuff, and will retail at $1.50 to $2.00 a doz.

CANNAS, $8.00 per 100. **VERBENAS,** $2.00 per 100.

ROSES FOR FORCING.

Splendid young stock at $3.00 per 100. Send 25 cents for samples.

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Hydrangeas, 5 and 6 in. pots, in bud and bloom, 20c each.
Geraniums, assorted, 2½-in. pots ..... $2.50 per 100.

	Per 100		Per 100
Vincas Var., 4-in.	$12.00	Feverfew, 4-in.	$5.00
Ivy Geraniums, 2½-in.	2.50	Heliotrope, 2½-in.	2.00
" 3-in.	3.50	" 3-in.	3.00
" 4-in.	6.00	" 4-in.	5.50
Feverfew, 3in.	3.50	Dracaena, 3 in., $2.50 doz.	
Boston Fern, runners out of bed		$1.00 per 100.	
Aster plants, all leading varieties		.50 "	
Chrysanthemum Boonaffon, good rooted cuttings		1.50 "	
Tomato plants, Beauty, Champion, Matchless, Perfection and Imperial		1.50 "	

CASH WITH ORDER.

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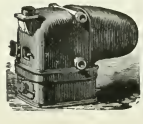

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A fine assortment, 2-inch pots, $2.00 per 100; $15.00 per 1000.

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BOSTON FERN, 2½-inch, $3.00 per 100
ASPARAGUS SPRENGERI, 2½-in. $2.50 per 100
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HYDRANGEAS, 2½-in. pots, the best varieties. Thos. Hogg and Otaska Monstrosa, $3.00 per 100; $25.00 per 1000
BOSTON IVY, $2.50 per 100
CLEMATIS PANICULATA, from flats, $1.25 per 100

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CABBAGE.—Wakefield, Succession, All Head, Early and Late Flat Dutch, Savoy and other varieties. 15c per 100; $1.00 per 1000; $8.50 per 10,000.

CELERY.—White Plume, Golden Self-Blanching and other varieties, 15c per 100; $1.00 per 1000; $8.50 per 10,000; small for transplanting, 75 cts. per 1000.

EGG PLANTS.—N. Y. Improved, 25c per 100; $2.00 per 1000.

PEPPER.—Bull Nose, Ruby King and Sweet Mountain, 25c per 100; $2.00 per 1000.

TOMATO.—In var., 20c per 100; $1.25 per 1000.

LETTUCE.—In var., 15c per 100; $1.00 per 1000.

BEETS.—20c per 100; $1.50 per 1000.

If any of the above are wanted by mail add 10c per 100 plants. Cash with order.

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2-inch, $3.00 per 100; $25.00 per 1000.
3-inch, $5.00 " $40.00 per 1000.

Ferns for Dishes, $3.00 per 100; $25.00 per 1000.
Pt. Tremula, 3½-inch, at $5.00 per 100.
Pandanus Utilis, 3-inch, $8.00 per 100.
Carex Japonica, $3.00 per 100.

Terms Cash.

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Asparagus P. Nanus, flats, $1.75 per 100; $15.00 per 1000.
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" " R. C., 60c per 100. Cash please.

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HEALTHY PLANTS
FUMIGATE WITH
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THE BEST OF ALL
INSECTICIDES
Write for full particulars to
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G. L. GRANT, Editor and Manager.

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THE FLORISTS' PUBLISHING CO.

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The Florists' Review is absolutely independent. No person or firm interested in any way, directly or indirectly, in the sale of plants, seeds or other trade supplies, is in a position to dictate its policy; it is not controlled by any person or persons other than its publisher.

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SYCAMORE, ILL.—E. E. Boynton has sold his greenhouses and business to W. Swinbank, who will continue it. Mr. Swinbank takes possession June 15.

Awarded the only first-class certificate of merit by the Society of American Florists, at Boston, Mass., Aug. 21, 1890, for Standard Flower Pots.

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Never break in sagging.
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Only 8 inches of shade.
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Sod Crusher and Pulverizer.

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Send for Catalogue and Testimonials.

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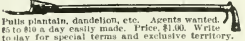

Pulls plantain, dandelion, etc. Agents wanted. $5 to $10 a day easily made. Price, $1.00. Write to-day for special terms and exclusive territory.

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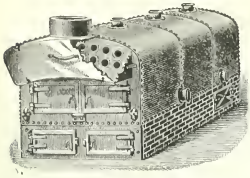

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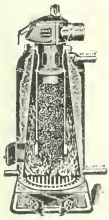

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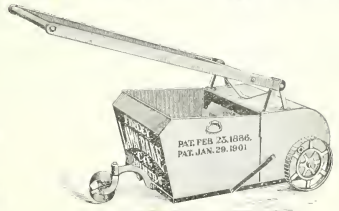

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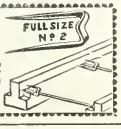

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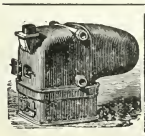

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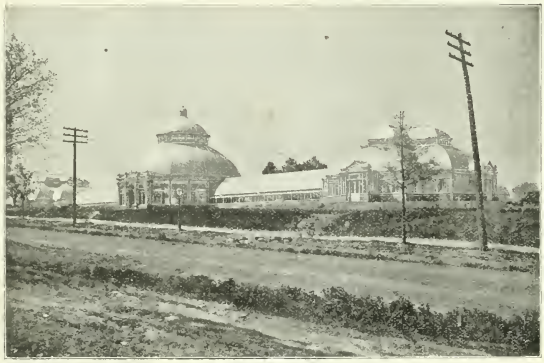

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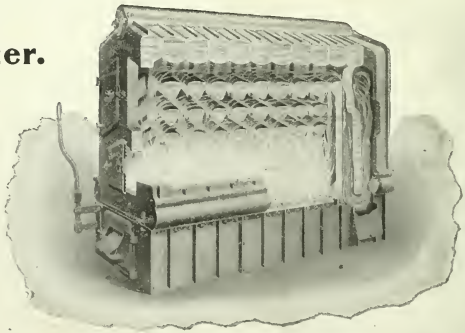

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